

DEPARTMENT OF THE AIR FORCE  
Headquarters US Air Force  
Washington, DC 20330-1030

CFETP 2A6X6  
Parts I and II  
August 2000

## **AFSC 2A6X6**

# **AIRCRAFT ELECTRICAL AND ENVIRONMENTAL SYSTEMS**



## **CAREER FIELD EDUCATION AND TRAINING PLAN**



# CAREER FIELD EDUCATION AND TRAINING PLAN AIRCRAFT ELECTRICAL AND ENVIRONMENTAL SYSTEMS AFSC 2A6X6

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Supersedes: CFETP 2A6X6, Jun 97

Certified by: HQ USAF/ILMM (CMSgt Tim Jones)  
Number of Printed Pages: 121  
OPR: 364 TRS/TRR (DSN 676-2772)

**AIRCRAFT ELECTRICAL AND ENVIRONMENTAL SYSTEMS SPECIALTY  
AFSC 2A6X6  
CAREER FIELD EDUCATION AND TRAINING PLAN**

**PART I**

***PREFACE***

1. This Career Field Education and Training Plan (CFETP) is a comprehensive education and training document that identifies life-cycle education/training requirements, training support resources, and minimum core task requirements for 2A6X6, Aircraft Electrical and Environmental Systems Specialty. The CFETP will provide personnel a clear career path to success and instills rigor in all aspects of career field training. To read, review, or print a copy of the current CFETP, go to the Aircraft Maintenance Homepage at:

**<http://www.il.hq.af.mil/ilm/ilmm/acmaint/index.html>**. Note: Civilians occupying associated positions will use Part II to support duty position qualification training. This CFETP supersedes 2A6X6 CFETP, Jun 97. It removes Mission Ready Technician (MRT) training requirements from Attachments 4-8 of the Specialty Training Standard (STS).

2. The CFETP consists of two parts; both parts of the plan are used by supervisors to plan, manage, and control training within the career field.

**2.1** Part I provides information necessary for overall management of the specialty. Section A explains how everyone will use the plan; Section B identifies career field progression information, duties and responsibilities, training strategies, and career field path; Section C associates each level with specialty qualifications (knowledge, education, training, and other); Section D indicates resource constraints. Some examples are funds, manpower, equipment, and facilities; Section E identifies transition training guide requirements for SSgt through MSgt.

**2.2** Part II includes the following: Section A identifies the Specialty Training Standard (STS) and includes duties, tasks, technical references to support training; Air Education and Training Command (AETC) conducted training, wartime course/core task and correspondence course requirements; Section B contains the course objective list/training standards supervisors will use to determine if airmen satisfied training requirements; Section C identifies available support materials. An example is a Qualification Training Package (QTP) which may be developed to support proficiency training. These packages are indexed in AFIND8, Numerical Index of Specialized Educational Training Publications; Section D identifies a training course index supervisors can use to determine resources available to support training. Included here are both mandatory and optional courses; Section E identifies MAJCOM unique training requirements supervisors can use to determine additional training required for the associated qualification needs.

3. Using guidance provided in the CFETP will ensure individuals in this specialty receive effective and efficient training at the appropriate point in their career. This plan will enable us to train today's work force for tomorrow's jobs. At unit level, supervisors and trainers will use Part II to identify, plan, and conduct training commensurate with the overall goals of this plan.

***ABBREVIATIONS/TERMS EXPLAINED***

**Advanced Training.** Formal course which provides individuals who are qualified in their Air Force Specialty (AFS) with additional skills/knowledge to enhance their expertise in the career field. Training is for selected career airmen at the advanced level of an AFS.

**Air Force Job Qualification Standard (AFJQS).** A comprehensive task list that describes a particular job type or duty position. They are used by supervisors to document task qualifications. The tasks of AFJQS are common to all persons serving in the described duty position.

**Career Field Education and Training Plan (CFETP).** A CFETP is a comprehensive, multipurpose document covering the entire spectrum of education and training for a career field. It outlines a logical growth plan that includes training resources and is designed to make career field training identifiable, to eliminate duplication, and to ensure this training is budget defensible.

**Continuation Training.** Additional training exceeding minimum upgrade requirements with emphasis on present or future duty assignments.

**Core Task.** Tasks that Air Force functional managers identify as minimum qualification requirements within an Air Force Specialty. Only a percentage of critical tasks for each system are listed as mandatory core tasks. This gives units needed flexibility to manage their workforce training. Core tasks identified with \*/R are optional for ANG and AFRC.

**Course Objective List (COL).** A publication identifying the tasks and knowledge requirements, and respective standards provided to achieve a 3-/7-level in this career field. Supervisors use the COL to assist in conducting graduate evaluations in accordance with AFI 36-2201, Developing, Managing and Conducting Military Training Programs

**Enlisted Specialty Training (EST).** A mix of formal training (technical school) and informal training (on-the-job) to qualify and upgrade airmen in each skill level of a specialty.

**Exportable Training.** Additional training via computer assisted, paper text, interactive video, or other necessary means to supplement training.

**Field Technical Training (Type 4).** Special or regular on-site training conducted by a training detachment (TD) or by a mobile training team (MTT).

**Initial Skills Training.** A formal school course that results in award of a 3-skill level AFSC.

**Instructional System Development (ISD).** A deliberate and orderly process for developing, validating, and reviewing instructional programs that ensures personnel are taught the knowledge and skills essential for successful job performance.

**Occupational Survey Report (OSR).** A detailed report showing the results of an occupational survey of tasks performed within a particular AFS.

**On-the-Job Training (OJT).** Hands-on, over-the-shoulder training at the duty location used to certify personnel for both skill level upgrade and duty position qualification.

**Qualification Training (QT).** Actual hands-on task performance training designed to qualify an airman in a specific duty position. This training program occurs both during and after the upgrade training process. It is designed to provide the performance skill/knowledge training required to do the job.

**Qualification Training Package (QTP).** An instructional course designed for use at the unit to qualify, or aid qualification, in a duty position or program, or on a piece of equipment. It may be printed, computer based, or in other audiovisual media.

**Resource Constraints.** Resource deficiencies, such as money, facilities, time, manpower, or equipment, that preclude desired training from being accomplished.

**Specialized Training Package and COMSEC Qualification Training Package.** A composite of lesson plans, test material, instructions, policy, doctrine, and procedures necessary to conduct training. These packages are prepared by Air Education and Training Command (AETC), approved by National Security Agency (NSA), and administered by qualified communications security (COMSEC) maintenance personnel.

**Specialty Training Standard (STS).** An Air Force publication that describes an Air Force Specialty in terms of tasks and knowledge an airman may be expected to perform or to know on the job. It serves as a contract between AETC and the functional user to show which of the overall training requirements for an Air Force Specialty Code are taught in formal schools, Career Development Courses, and exportable courses.

**Training Impact Decision System (Tides).** A computer-based decision support technology being designed to assist Air Force career field managers in making critical judgments relevant to what training should be provided personnel within career fields, when training should be provided (at what career points), and where training should be conducted (training setting).

**Training Setting.** The type of forum in which training is provided (formal resident school, on-the-job, field training, mobile training team, self-study, etc.).

**Upgrade Training.** A mixture of mandatory courses, task qualification, QTPs, and CDCs required for award of the 3-, 5-, 7-, or 9-skill levels.

**Utilization and Training Workshop (U&TW).** A forum of MAJCOM Air Force Specialty Code (AFSC) function managers, Subject Matter Experts (SMEs), and AETC training personnel that determines career ladder training requirements.

## **SECTION A - GENERAL INFORMATION**

**1. Purpose of the CFETP.** This CFETP provides the information necessary for Air Force Career Field Manager (AFCFM), MAJCOM functional managers (MFMs), commanders, training managers, supervisors, and trainers to plan, develop, manage, and conduct an effective career field training program. This plan outlines the training that individuals in AFSC 2A6X6 should receive in order to develop and progress throughout their career. This CFETP identifies initial skill, upgrade, qualification, advanced, and proficiency training. Initial skills training is the AFS specific training an individual receives upon entry into the Air Force or upon retraining into this specialty for award of the 3-skill level. This training is conducted by AETC at Sheppard AFB, TX. Upgrade training identifies the mandatory courses, task qualification requirements, and correspondence course completion requirements for award of the 3-, 5-, 7-, 9-skill levels. Qualification training is actual hands-on task performance training designed to qualify an airman in a specific duty position. This training program occurs both during and after the upgrade training process. It is designed to provide the performance skills/knowledge required to do the job. Advanced training is formal specialty training used for selected airmen. Proficiency training is additional training, either in-residence or exportable advanced training courses, or on-the-job training, provided to personnel to increase their skills and knowledge beyond the minimum required for upgrade. The CFETP has several purposes, some are:

- 1.1.** Serves as a management tool to plan, manage, conduct, and evaluate a career field training program. Also, it is used to help supervisors identify training at the appropriate point in an individual's career.
- 1.2.** Identifies tasks and knowledge training requirements for each skill level in the specialty and recommends education/training throughout each phase of an individuals career.
- 1.3.** Lists training courses available in the specialty and identifies sources of training, and the training delivery method.
- 1.4.** Identifies major resource constraints which impact full implementation of the desired career field training process.

**2. Use of the CFETP.** This plan will be used by MFMs and supervisors at all levels to ensure comprehensive and cohesive training programs are available for each individual in the specialty.

**2.1.** AETC training personnel will develop/revise formal resident, non-resident, Training Detachment (TD), and exportable training based upon requirements established by the users and documented in Part II of the CFETP. They will also work with the AFCFM to develop acquisition strategies for obtaining the resources needed to provide the identified training.

**2.2.** MFMs will ensure their training programs complement the CFETP mandatory initial, upgrade, and proficiency requirements. Identified requirements can be satisfied by OJT, resident training, contract training, or exportable courses. MAJCOM developed training, to support this AFSC, must be identified for inclusion in this plan and must not duplicate other available training resources.

**2.3.** Each individual will complete the mandatory training requirements specified in this plan. The list of courses in Part II will be used as a reference to support training.

**3. Coordination and Approval.** The AFCFM is the approving authority. The using MAJCOM representatives and AETC training personnel will identify and coordinate on the career field

training requirements. The AETC training manager for AFSC 2A6X6 will initiate an annual review of this document by AETC and MAJCOM AFSC functional managers to ensure currency and accuracy. Using the list of courses in Part II, they will eliminate duplicate training.

## ***SECTION B - CAREER FIELD PROGRESSION AND INFORMATION***

### **4. Specialty Descriptions.**

**4.1. Specialty Summary.** Performs and supervises aircraft electrical and environmental (E&E) functions and activities. Troubleshoots, inspects, removes, installs, repairs, modifies, overhauls, and operates aircraft E & E systems, components, and associated support equipment. Related DoD Occupational Subgroup: 602.

### **4.2. Duties and Responsibilities:**

#### **4.2.1. Aircraft Electrical and Environmental Systems Apprentice and Journeyman:**

Inspects, troubleshoots, installs, and maintains aircraft power and air distribution systems, subsystems, components, and test equipment using proper technical publications. Visually and operationally tests aircraft electrical and environmental systems and components. Systems maintained include direct and alternating current power systems; aircraft landing, anti-skid, and steering systems; flight and fuel control systems; ignition and electronic engine controls; master caution and warning panels; fire and overheat warning systems; lighting systems; and static and rotary inverters. Also included are systems and components such as bleed air distribution systems; air conditioning, cabin pressurization, NESA glass, and anti-icing systems; oxygen systems; fire extinguishing systems; and turbine drive engine starters; inflight blade inspection system (IBIS); tail skid system; cargo winch/hoist. Repairs, modifies, and overhauls batteries; electrical and solid state voltage regulators; control, protection, caution, and warning panels; frequency and load, and NESA glass controllers; static and rotary inverters; transformer rectifiers; generators; actuators; relays; timing and sensing devices; systems amplifiers; fire, audible warning, and asymmetry detectors; motors; lighting equipment; cryogenic containers; and other special equipment. Uses electrical and electronic meters and test equipment such as: Manometers; cabin pressure leak and temperature control system testers; thermal switch testers; anti-G suit valve testers; air turbine motor testers; liquid oxygen system testers; multimeters; and ammeters. Services, inspects, and overhauls life raft inflation equipment. Replaces, fabricates, or modifies electrical wiring and connectors. Checks for and treats corrosion. Inspects, services, and performs general aircraft handling procedures. Uses technical orders and schematic diagrams to isolate malfunctions. Maintains inspection and maintenance records. Records pertinent data on equipment maintenance data collection (MDC) forms and/or enters data into automated maintenance data systems. Recommends methods to improve equipment performance and maintenance procedures. Handles, labels, and disposes of hazardous materials and waste according to environmental standards.

**4.2.2. Aircraft Electrical and Environmental Systems Craftsman:** Inspects, analyzes, troubleshoots, and maintains aircraft electrical and environmental systems, associated components, subsystems, and test equipment. Advises on problems operating and maintaining aircraft electrical and environmental systems, associated electronic components, subsystems, and test equipment. Solves maintenance problems using wiring diagrams, schematic diagrams, and technical publications by analyzing operating characteristics of electrical and environmental systems. Determines proper maintenance procedures to repair and return systems and



components to maximum efficiency. Diagnoses malfunctions and recommends corrective actions. Checks installed and repaired components to ensure compliance with technical publications and directives. Evaluates requirements and prepares quality deficiency reports. Supervises and evaluates job performance and maintenance techniques used to interpret, operate, troubleshoot, remove, repair, service, overhaul, and install aircraft electrical and environmental systems and components. Provides training and task certification for skill level advancement. Ensures compliance with published safety guidelines. Ensures hazardous materials and waste are handled, stored, and disposed of according to environmental standards.

**4.2.3. Maintenance Superintendent:** Manages maintenance and staff functions on aircraft electrical and environmental, hydraulic, fuel, and aircrew egress systems. Interprets and evaluates directives and publications, inspection findings, records, and reports and recommends corrective actions. Determines operational status and evaluates operational effectiveness of aircraft and associated systems. Inspects and evaluates maintenance activities and resolves problems. Interprets and establishes safety and training guidelines. Plans, organizes, directs, and controls troubleshooting and repair activities of maintenance personnel. Establishes priorities for completion of maintenance tasks and provides assistance in solving maintenance, supply, and personnel problems. Performs supervisory inspections of, and directs maintenance actions on aircraft systems and components. Evaluates aircraft and system failures to determine need to submit quality deficiency reports. Controls resources, funds, and cost management. Manages handling, storing, and disposing of hazardous materials and waste according to environmental standards.

**5. Career Skill Progression.** Adequate training and timely progression from the apprentice to the superintendent skill level play an important role in the Air Force's ability to accomplish its mission. It is essential that everyone involved in training do their part to plan, develop, manage, and conduct an effective training program. The guidance provided in this part of the CFETP will ensure each individual receives viable training at appropriate points in their career

**5.1. Apprentice (3-level):** Upon completion of initial skills training, a trainee will work with a trainer to enhance their knowledge and skills. They will utilize the Career Development Course, Task Qualification Training, and available exportable courses for continued advancement. Once task certified, a trainee may perform the task unsupervised. Apprentices can be considered for appointment as unit trainers after completion of a formal trainer course.

**5.2. Journeyman (5-level).** Once upgraded to the 5-level, the journeyman will enter into continuation training to broaden their experience base by increasing their knowledge and skill in troubleshooting and solving more complex problems. Five-levels may be assigned job positions such as quality assurance and various staff positions. After having 48 months in the Air Force, 5-levels will attend Airman Leadership School (ALS) to enhance their Professional Military Education (PME). Five-levels will be considered for appointment as unit trainers. Individuals will use their CDCs to prepare for Weight Airman Promotion testing. They should also consider continuing their education toward a Community College of the Air Force (CCAF) degree.

**5.3. Craftsman (7-level):** A craftsman can expect to fill various supervisory and management positions such as shift leader, element chief, flight/section chief, and task certifier. They can also be assigned to work in staff positions. Craftsmen should take courses to obtain added knowledge on management of resources and personnel. Continued academic education through CCAF and

higher degree programs is encouraged. In addition, when promoted to TSgt, individuals will complete the Noncommissioned Officer Academy.

**5.4. Superintendent (9-level):** A 9-level can be expected to fill positions such as flight NCOIC, production supervisor, and various staff NCOIC jobs. Additional training in the areas of budget, manpower, resources, and personnel management should be pursued through continuing education. Individuals promoted to SMSgt will complete the Senior Noncommissioned Officer Academy. Additional higher education and completion of courses outside their career AFSC are also recommended.

**6. Training Decisions:** The CFETP uses a building block approach (simple to complex) to encompass the entire spectrum of training requirements for the Aircraft Electrical and Environmental Systems Career Field. The spectrum includes a strategy for when, where, and how to meet these training requirements. The strategy must ensure we develop affordable training, eliminate duplication, and prevent a fragmented approach to training. The following training decisions were made by MAJCOM Functional Managers and Subject Matter Experts (SMEs) at the career field Utilization and Training Workshop held at Sheppard AFB, 17-21 Jun 96.

**6.1. Initial Skills:** The MAJCOM representatives decided that initial skills training will be accomplished via Mission Ready Technician (MRT) training, where applicable. Those students who have an assignment to F-15, F-16, C-130, KC-135, or C-141 aircraft will go through one of the MRT courses for their respective airframe. Those students who do not have an assignment to one of the above mentioned airframes will go through the “all others” course. The “all others” course is the generic course that all students are currently going through now. A complete listing of the MRT tasks is in the STS portion of this CFETP. They are identified by the ‘3c’ proficiency code in the 3-level column. Other changes include adding lessons on use of issue and turn-in forms, electrostatic discharge (ESD), and multi-generator paralleling system. Hands-on lessons were added for using a sonic leak detector, using a bonding meter, remove and install bleed air distribution system components, leak check bleed air distribution systems, and remove and install air conditioning system components. The MRT program is designed to certify basic students at the ‘3c’ level on selected aircraft specific tasks at the technical school so they will be productive immediately upon arrival at their first duty section.

**6.2. Five-Level Upgrade Training:** A number of minor changes were made to the 5-level CDC. They include incorporating status reporting, use of issue and turn-in forms, cleaning components in gaseous oxygen systems, and soldering conventional devices.

**6.3. Seven-Level Upgrade Training.** Lessons were added in the following areas: tools, in-shop, and flight line safety precautions, assign personnel to work crews, plan work assignments and priorities, schedule work assignments, establish work methods, controls, and performance standards. The proficiency code for the lesson on supply reports was downgraded from a ‘3c’ to ‘B’. The following troubleshooting lessons were deleted: AC power systems, DC power systems, and air conditioning systems. The lesson on advance soldering was deleted.

**6.4. Proficiency Training.** Any additional knowledge and skill requirements which were not taught through initial skills or upgrade training were assigned to continuation training. The purpose of the continuation training program is to provide additional training exceeding minimum upgrade training requirements with emphasis on present and future duty positions. MAJCOMs must ensure individuals in Aircraft Electrical and Environmental Systems career field receive the necessary training at the appropriate point in their career.

**7. Community College of the Air Force (CCAF) Academic Programs.** Enrollment in CCAF occurs upon completion of basic military training. CCAF provides the opportunity to obtain an Associates in Applied Sciences Degree. In addition, CCAF offers the following:

**7.1. Occupational Instructor Certification.** Upon completion of instructor qualification training, consisting of the Basic Instructor Course (BIC) and supervised practice teaching, CCAF instructors who possess an associates degree or higher may be nominated by their school commander/commandant for certification as an occupational instructor.

**7.2 Trade Skill Certification.** When a CCAF student separates or retires, a trade skill certification is awarded for the primary occupational specialty. The college uses a competency based assessment process for trade skill certification at one of four proficiency levels; Apprentice, Journeyman, Craftsman/Supervisor, or Master Craftsman/Manager. All are transcribed on the CCAF transcript.

**7.3. Degree Requirements:** All airmen are automatically entered into the CCAF program. Prior to completing an associates degree, the 5-level must be awarded and the following requirements must be met:

|  | Semester Hours |
|--|----------------|
| Technical Education.....   | 24             |
| Leadership, Management, and Military Studies.....  | 6              |
| Physical Education .....   | 4              |
| General Education .....  | 15             |
| Program Elective .....   | 15             |
| Technical Education; Leadership, Management, and Military<br>Studies; or General Education |                |
| Total .....  | 64             |

**7.3.1. Technical Education** (24 Semester Hours): Completion of course J3ATR2A636 000 which awards 13 semester hours and course J3ABR2A636-008 which awards 36 semester hours satisfies the technical education requirement.

**7.3.2. Leadership, Management, and Military Studies** (6 Semester Hours): Professional military education and/or civilian management courses.

**7.3.3. Physical Education** (4 Semester Hours): This requirement is satisfied by completion of Basic Military Training.

**7.3.4. General Education** (15 Semester Hours): Courses must meet the definition of General Education subjects/courses as provided in the CCAF General Catalog.

**7.3.5. Program Elective** (15 Semester Hours): Satisfied with applicable Technical Education; Leadership, Management, and Military Studies; or General Education subjects/courses, including natural science courses meeting GER application criteria. Six semester hours of CCAF degree-applicable technical credit otherwise not applicable to this program may be applied. See the CCAF General Catalog for details regarding the Associates of Applied Science for this specialty.

**7.4. AETC Instructor Requirements.** Additional off-duty education is a personal choice that is encouraged for all. Individuals desiring to become an Air Education and Training Command Instructor should be actively pursuing an associate's degree. It is necessary for instructors to have at least an associate's degree so the Technical School can maintain accreditation through the Southern Association of Colleges and Schools.

## 8. Career Field Path

8.1. **Enlisted Career Path.** Table 8.1 identifies career milestones for the 2AXXX Air Force Specialty.

| <b>Table 8.1 Enlisted Career Path</b>   |  |                                  |                 |                           |
|---|--|----------------------------------|-----------------|---------------------------|
| <b>Education and Training Requirements</b>  | <b>Grade Requirements</b>  |                                  |                 |                           |
|   | Rank   | Average Sew-On                   | Earliest Sew-On | High Year Of Tenure (HYT) |
| <b>Basic Military Training School</b>   |  |                                  |                 |                           |
| <b>Apprentice Technical School (3-Skill Level)</b>  | Amn<br>A1C   | 6 months<br>16 months            |                 |                           |
| <b>Upgrade To Journeyman (5-Skill Level)</b><br>- Minimum 15 months on-the-job training.<br>- Complete all 5-level core tasks on one MDS.<br>- Complete appropriate CDC if/when available.  | Amn<br>A1C<br>SrA  | 6 months<br>16 months<br>3 years | 28 months       | 10 Years                  |
| <b>Airman Leadership School (ALS)</b><br>- Must be a SrA with 48 months time in service or be a SSgt Selectee.<br>- Resident graduation is a prerequisite for SSgt sew-on (Active Duty Only).   |  |                                  |                 |                           |
| <b><u>Trainer</u></b><br>- Qualified and certified to perform the task to be trained.<br>- Have attended the formal trainer's course and appointed in writing by Commander.   | <b><u>Certifier</u></b><br>- Be at least a 5-skill level SSgt; and qualified and certified to perform the task being certified<br>- Attend formal certifier course and appointed in writing by Commander.<br>- Be a person other than the trainer. |                                  |                 |                           |
| <b>Upgrade To Craftsman (7-Skill Level)</b><br>- Minimum rank of SSgt.<br>- Complete all 5- and 7-level core tasks on one mission design aircraft.<br>- Complete appropriate CDC if/when available.<br>- Advanced Technical School.<br>- Minimum 12 months on-the-job training. | SSgt   | 7.5 years                        | 3 years         | 20 Years                  |
| <b>Noncommissioned Officer Academy (NCOA)</b><br>- Must be a TSgt or TSgt Selectee.<br>- Resident graduation is a prerequisite for MSgt sew-on (Active Duty Only).  | TSgt   | 12.5 years                       | 5 years         | 20 Years                  |
|   | MSgt   | 16 years                         | 8 years         | 24 Years                  |
| <b>USAF Senior NCO Academy (SNCOA)</b><br>- Must be a SMSgt or SMSgt Selectee.<br>- A percentage of top non-select (for promotion to E-8) MSgts attend the SNCOA each year.<br>- Resident or correspondence graduation is a prerequisite for CMSgt sew-on.                      | SMSgt  | 19.2 years                       | 11 years        | 26 Years                  |
| <b>Upgrade To Superintendent (9-Skill Level)</b><br>- Minimum rank of SMSgt.<br>- Resident or correspondence graduate of SNCOA.   | CMSgt  | 21.5 years                       | 14 years        | 30 Years                  |

**8.2. Base/Unit Education and Training Manager Checklist:**

| <b>Table A8.2. Base/Unit Education and Training Manager Checklist</b>  |          |          |
|--|----------|----------|
| <b>Requirements for Upgrade to:</b>  | <b>Y</b> | <b>N</b> |
| <b>Journeyman</b><br>- Has the apprentice completed mandatory CDCs, if available?<br>- Has the apprentice completed all appropriate 5-level core tasks identified in the CFETP?<br>- Has the apprentice completed all other duty position tasks identified by the supervisor?<br>- Has the apprentice completed 15 months training (9 months for retrainees) for award of the 5-skill level?<br>- Has the apprentice met mandatory requirements listed in specialty description, AFMAN 36-2108 (Airman Classification), and CFETP?<br>- Has the apprentice been recommended by their supervisor? |          |          |
| <b>Craftsman</b><br>- Has the journeyman achieved the rank of SSgt?<br>- Has the journeyman completed mandatory CDCs?<br>- Has the journeyman completed all core tasks identified in the CFETP?<br>- Has the journeyman completed all other duty position tasks identified by the supervisor?<br>- Has the journeyman attended 7-skill level Craftsman Course? <b>First, they must complete:</b><br>-- All 7-level training requirements listed in the CFETP.<br>-- All applicable CDCs.<br>- Has the journeyman completed a minimum 12 months UGT for award of the 7-skill level?               |          |          |

TO: Squadron/CC

FROM: Squadron Training Manager

SUBJECT: Upgrade Trainee

Trainee is prepared to be upgraded and has completed all training requirements.

\_\_\_\_\_  
Training Manager\_\_\_\_\_  
Supervisor

## ***SECTION C - SKILL LEVEL TRAINING REQUIREMENTS***

**9. Purpose.** Skill level training requirements in this career field are defined in terms of tasks and knowledge requirements. This section outlines the specialty qualification requirements for each skill level in general terms and establishes the mandatory requirements for entry, award, and retention of each skill level. The specific task and knowledge training requirements are identified in the STS in Part II, Sections A and B of this CFETP.

**10. Specialty Qualification Requirements.** The various skill levels in this career field are defined in terms of tasks and knowledge proficiency requirements for each skill level. They are stated in broad general terms and establish the standards of performance. The specific task and knowledge training requirements are identified in the STS in Part II, Section A of the CFETP. Unit work centers must develop a structured training program to ensure the following requirements are met.

### **10.1. Apprentice Level Training.**

#### **10.1.1. Specialty Qualification:**

**10.1.1.1. Knowledge:** Knowledge is mandatory of: electrical, electronic, and mechanical principles applying to aircraft E & E systems; concepts and application of maintenance directives; using and interpretation of wiring diagrams, blueprints, and technical orders; and proper handling, use, and disposal of hazardous waste materials. Apprentices must be qualified to remove and install system components, perform operational checks, and troubleshoot simple malfunctions using system schematics.

**10.1.1.2. Education:** For entry into this specialty, completion of high school with courses in basic electronics, mathematics, general science and mechanics is desirable.

**10.1.1.3. Training:** For award of AFSC 2A636, completion of a basic aircraft E&E systems maintenance course is mandatory.

**10.1.1.4. Experience:** There is no experience necessary for entry into AFSC 2A636.

**10.1.1.5. Other:** For entry into this specialty, normal color vision as defined in AFMAN 48-123 is mandatory.

**10.1.2. Training Sources.** The initial skills course, J3ABR2A636-001, will provide the required knowledge and qualifications. Initial skills training encompasses electrical and environmental system theory and operation, electrical and electronic principles, system components, component removal and installation, introduction to maintenance concepts, general flight line maintenance practices, use of technical publications, maintenance documentation, and support equipment familiarization and use.

**10.1.3. Implementation.** Upon graduation from Basic Military Training, airmen are assigned to the Training Wing for completion of Course J3ABR2A636 001, Aircraft Electrical and Environmental Systems Apprentice. Completion of this course will result in award of the 3-skill level.

### **10.2. Journeyman Level Training:**

#### **10.2.1. Specialty Qualification:**

**10.2.1.1. Knowledge:** In addition to the 3-level qualifications, a 5-level must possess the knowledge and skills necessary to maintain electrical and environmental systems and associated subsystems. An individual must be task qualified on inspecting aircraft electrical and environmental systems and components, troubleshooting and correcting system malfunctions, and repairing and replacing system components. Journeymen perform operational checks,

component repair, and use and maintenance of test and support equipment. Individuals can apply the proper handling, use, and disposal of hazardous waste and materials.

**10.2.1.2. Education:** There is no formal education for upgrade to 2A656.

**10.2.1.3. Training:** Requirements for the Journeyman level require completion of the 5-level CDC and completion of the core tasks specified in the STS.

**10.2.1.4. Experience.** Qualification in and possession of AFS 2A636 and completion of all 5-level core tasks on one MDS aircraft identified in the STS is mandatory.

**10.2.1.5. Other:** Normal color vision as defined in AFMAN 48-123 is mandatory.

**10.2.2. Training Sources and Resources.** The 5-level CDC provides the career knowledge training required. Qualification training and OJT will provide training and qualification on the core tasks identified in the STS, or AFJQS. The CDC is written to build from the trainee's current knowledge base, and provides more in-depth knowledge to support OJT requirements.

**10.2.3. Implementation.** Training to the 5-level is performed by the units utilizing this STS, exportable courses, and CDCs. Upgrade to the 5-level requires completion of the 2A656 CDC and 15 months upgrade training.

### **10.3. Craftsman Level Training:**

#### **10.3.1. Specialty Qualification.**

**10.3.1.1. Knowledge.** In addition to the 5-level qualifications, an individual must possess advanced skills and knowledge of theory, concepts, principles and application of electrical and environmental systems. The 7-level must be able to supervise and train personnel to maintain electrical and environmental systems. They must be able to plan, schedule, and organize maintenance to ensure effective utilization of available resources. Qualification is required on advanced repair, inspection, troubleshooting, and diagnostic techniques. Historical documentation analysis is also required for all 7-levels.

**10.3.1.2. Education.** There are no additional education requirements beyond those defined for the apprentice level.

**10.3.1.3. Training.** Completion of CDC 2A676, CDC 2AX7X, and the resident 7-level course, J3ACR2A676-000, at Sheppard AFB TX is mandatory for upgrade to AFSC 2A676.

**10.3.1.4. Experience.** Completion of all required 7-level core tasks as identified in the STS, and qualification in and possession of AFSC 2A656. Also, experience performing or supervising functions such as installing, maintaining, or repairing aircraft E & E systems.

**10.3.1.5. Other.** Normal color vision as defined in AFMAN 48-123 is mandatory.

**10.3.2. Training Sources and Resources.** Seven-level upgrade training will be conducted by certified trainers using AF core tasks, unit/MAJCOM specific courses, and the formal 7-level course, J3ACR2A676-000. The 7-level CDC and resident courses are written to provide advanced system and management knowledge, and troubleshooting skills.

**10.3.3. Implementation.** Training to the 7-level is performed by the units utilizing the STS, AFJQS, and CDCs. Upgrade to the 7-level requires completion of CDC 2AX7X and CDC 2A676, completion of all core tasks, 12 months upgrade training, completion of the advanced (Craftsman) in-resident technical school, and promotion to E-5.

### **10.4. Superintendent Level Training (9-Level).**

#### **10.4.1. Specialty Qualification.**

**10.4.1.1. Knowledge.** In addition to 7-level qualifications, an individual must possess advanced skills and knowledge of concepts and principles in the management of aircraft maintenance. The 9-level needs to be an effective leader; must be able to forecast, budget and manage funds and

other resources; and must be knowledgeable of all environmental standards and ensure adherence to the proper handling and disposal of hazardous materials.

**10.4.1.2. Education.** There are no additional requirements beyond those defined for the apprentice level.

**10.4.1.3. Training.** For award of AFSC 2A690, completion of the Senior NCO Academy and promotion to SMSgt is mandatory

**10.4.1.4. Experience.** Qualification in and possession of AFSC 2A676. Also, experience managing or directing repair activities for electrical and environmental systems and associated maintenance functions.

**10.4.1.5. Other.** Normal color vision as defined in AFMAN 48-123 is mandatory.

**10.4.2. Training Sources and Resources.** The Senior NCO Academy and unit OJT will be used for training.

**10.4.3. Implementation.** The 9-level will be awarded after completing MAJCOM requirements, unit OJT and promotion to SMSgt. Individuals must attend the Senior NCO Academy in-residence or complete the correspondence course.

## ***SECTION D - RESOURCE CONSTRAINTS***

**11. Purpose:** This section of the CFETP identifies known resource constraints which preclude optimum/desired training from being developed or conducted. Included is a narrative explanation of each resource constraint, an impact statement describing the effect on training, the resources needed, and actions required to satisfy the training requirements.

### **12. Apprentice Level Training.**

**12.1. Mission Ready Technician Training.** Proficiency codes originally listed in the CFETP 2A6X6, June 1997, Column 4A, attachments 4 through 8 have been removed due to funding shortfalls. The removal of the proficiency codes is the result of a decision by the AF Career Field Manager, MAJCOM Functional Managers, and HQ AETC/DOO to reduce the requirements of Mission Ready Technician (MRT) training.

**12.2. Constraints.** Training requirements listed in this CFETP to support the transition to Integrated Maintenance Data System (IMDS) were defined by the Career Field Manager. Since IMDS will ultimately replace Consolidated Aircraft maintenance System (CAMS) and GO81, these training requirements describe three-level resident training for IMDS.

**12.2.1. Impact.** Training and resource requirements for IMDS must be planned to ensure no interruptions in career field training. Current projections are for IMDS to be fielded at Sheppard AFB sometime in FY02. Three-level training on IMDS for the 2A6X6 career field will begin when IMDS is fielded at Sheppard AFB. Resident three-level training on CAMS will then revert solely to CBT and/or OJT.

**12.2.2. Resources Required.** Equipment, training, and instructions for using IMDS.

### **13. Journeyman Level Training.**

**13.1. Constraints.** Five-level CDCs will include IMDS training beginning in October 2001. (NOTE: This date is dependent upon IMDS manuals and training being provided to the CDC writer.) The five-level CDC will include both IMDS and CAMS training until October 2003 at which CAMS material will be removed. CAMS material will be removed from WAPS testing



effective FY04. NOTE: If the fielding schedule is delayed or advanced, dates will change as appropriate.

**13.2.2. Resources Required.** Training, and instructions for using IMDS.

**14. Craftsman Level Training.** Seven-level CDCs will include IMDS training based on the same schedule as five-level CDCs and require the same resources.

## PART II

### SECTION A - SPECIALTY TRAINING STANDARD

**1. Implementation.** This STS will be used for technical training provided by Air Education and Training Command (AETC) for classes beginning November 1999.

**2. Purpose.** As prescribed in AFI 36-2201, this STS:

2.1. Lists in the column 1 (Task, Knowledge, and Technical Reference) the most common tasks, knowledge, and technical references (TR) necessary for airmen to perform duties in the 3-, 5-, and 7-skill level. An asterisk (\*) before the number indicates a wartime course objective.

2.2. Identifies in column 2 (Core Tasks) by asterisk (\*), specialty-wide training requirements. Core tasks identified with an \*R are optional for the AFRC and the ANG. MAJCOM Functional Managers, commanders, and supervisors may designate additional core tasks as necessary. When designated, certify these core tasks using normal core task certification procedures. As a minimum, certification on all AFCFM directed core tasks applicable to the specialty must be completed for skill level upgrade. Exemptions:

2.2.1. Core tasks which are not applicable to base assigned aircraft or equipment are not required for upgrade (units are not required to send personnel TDY for core task training)

2.2.2. For units with more than one mission design (e.g. A-10) aircraft, upgrade trainees need only complete core tasks on a single mission design. MFMs, unit commanders, and/or supervisors may require trainees to complete core task training on additional mission design aircraft, if desired. If some of these core tasks involve training in another unit on base, trainees must still complete all core tasks relevant to at least one mission design aircraft.

*Flightline-assigned personnel must complete backshop core tasks and vice versa.* All units are bound by the requirements in this CFETP and will accommodate core task trainees from other units.

2.2.3. Units that use the GO81 maintenance data collection system do not need to complete Core Automated Maintenance System (CAMS) Computer Based Training (CBT) core tasks. However, these units must be capable of training CAMS related CBT core tasks for deployment preparation. This capability ensures GO81 users are capable of operating CAMS prior to deploying to CAMS using units. This requirement will remain in effect until GO81 and CAMS are converted to the Integrated Maintenance Data System (IMDS).

2.3. Provides certification for OJT. Column 3 is used to record completion of tasks and knowledge training requirements. Use automated training management systems to document technician qualifications, if available. Task certification must show a certification completed date.

2.4. Shows formal training and correspondence course requirements. Column 4 shows the proficiency to be demonstrated on the job by the graduate as result of training on the task/knowledge and the career knowledge provided by the correspondence course. When two codes are used in columns 4A and 4C(1) (e.g. 2b/b), the first code is the established requirement for resident training on the task/knowledge, and the second code indicates the level of training provided in the course due to equipment shortages or other resource constraints. See CADRE/AFSC/CDC listing maintained by the unit training manager for current CDC listing.

**2.5. Qualitative Requirements.** Attachment 1 contains the proficiency code key used to indicate the level of training and knowledge provided by resident training and career development courses.

**2.6. Job Qualification Standard.** Becomes a job qualification standard (JQS) for on-the-job training when placed in AF Form 623, **On-The-Job Training Record**, and used according to AFI 36-2201. For OJT, the tasks in column 1 are trained and qualified to the go/no go level. "Go" means the individual can perform the task without assistance and meets local requirements for accuracy, timeliness, and correct procedures. When used as a JQS, the following requirements apply:

**2.6.1 Documentation.** Document and certify completion of training IAW AFMAN 36-2247, Chapter 5. Automated records, utilizing Core Automated Management System (CAMS) or Integrated Maintenance Data System (IMDS)/Global Combat Support System (GCSS), reflecting this STS may be used and are highly encouraged. Use of attachments one, two and nine is mandatory in individual training records along with CFETP Part I and Part II, Section A. Use of at least one of attachments three through eight is required. Identify duty position requirements by circling (in pencil) the subparagraph number next to the task statement. As a minimum, complete the following columns in Part 2 of the CFETP: date training completed, trainee initials, trainer initials, and certifier initials (core tasks only). Trainers may sign off non-core and non-critical tasks by initialing the trainer's column; third party certification is not required for non-core and non-critical tasks. There are no approved AFJQS for this AFSC.

**2.6.1.1. Converting from Old Document to CFETP.** All AFJQSs and previous CFETPs are replaced by this CFETP; therefore, conversion of all training records to this CFETP STS is mandatory. Use this CFETP STS (or automated STS) to identify and certify all past and current qualifications.

**2.6.1.1.1.** For those core and critical tasks previously certified and required in the current duty position, evaluate current qualifications and when verified, recertify using current date as completion date, and enter trainee's and certifier's initials. Remember, during the transcription process no training is taking place. Therefore, the trainer's initials are not required.

**2.6.1.1.2.** For non-core and non-critical tasks previously certified and required in the current duty position, evaluate current qualifications and when verified, recertify using current date as completion date, and enter trainee's and trainer's initials.

**2.6.1.1.3.** When transcribing previous certification for tasks not required in the current duty position, carry forward only the previous completion date of certification (not the initials of another person). If and when transcribed tasks become duty position requirements, recertify using standard certification procedures.

**2.6.1.1.4.** The person whose initials appear in the trainer or certifier block during the transcription process must meet the requirements of their respective roles.

**2.6.1.1.5.** Upon completion of the transcription process, give the old CFETP to the member.

**2.6.1.2. Documenting Career Knowledge.** When a CDC is not available: the supervisor identifies CFETP Part II training references that the trainee requires for career knowledge and ensures, as a minimum, that trainees cover the mandatory items in AFI 36-2108. For two-time CDC course exam failures: Supervisors identify all Part II items corresponding to the areas covered by the CDC. The trainee completes a study of references, undergoes evaluation by the task certifier, and receives certification on the CFETP Part II. ***Supervisors must document successful completion of career knowledge prior to submission of a CDC waiver.***

**2.6.1.3. Decertification and Recertification.** When an airman is found to be unqualified on a task previously certified for his or her position, the supervisor lines through the previous certification or deletes previous certification when using automated system. Appropriate remarks are entered on the AF Form 623A, **On-The-Job Training Record Continuation Sheet**, as to the reason for decertification. The individual is recertified (if required) either by erasing the old entries and writing in the new or by using correction fluid/tape (if the entries were made in ink) over the previously certified entry.

**2.6.2. AF Form 797.** When additional items not listed in the CFETP Part II are necessary in the current duty assignment, enter them on the 797. Fill out the form IAW AFMAN 36-2247.

**2.6.3. Disposition of Training Records.** Upon separation, retirement, commissioning, or promotion to Master Sergeant (unless otherwise directed by the AFCFM, MAJCOM, unit commander, or supervisor), give the individual their training records. Also, give individuals outdated training records after transcribing records. Do not remove any training records that show past qualifications unless transcribed to a new CFETP/AFJQS. For example, an individual working in a tool crib must maintain documented career field qualifications in case they return to duty on the flightline or in the shop. Supervisors must exercise good judgment when removing training records not needed in current duty positions.

**2.7. Specialty Training Standard.** Is a guide for development of promotion tests used in the Weighted Airman Promotion System (WAPS). Specialty Knowledge Tests (SKTs) are developed at the USAF Occupational Measurement Squadron by senior NCOs with extensive practical experience in their career fields. The tests sample knowledge of STS subject matter areas judged by test development team members as most appropriate for promotion to higher grades. Questions are based upon study references listed in the WAPS catalog. Individual responsibilities are in chapter 14 of AFI 36-2606, *US Air Force Reenlistment, Retention, and NCO Status Programs*. WAPS is not applicable to the Air National Guard or Air Force Reserve.

**3. Recommendations.** Report unsatisfactory performance of individual course graduates to the AETC training manager at 365 TRS/TRR, 609 9th Avenue Stop 242, Sheppard AFB TX, 76311-2335, DSN 736-3245. Reference specific STS paragraphs. For a quick response to problems, call our customer service information line, DSN 736-2574.

BY ORDER OF THE SECRETARY OF THE AIR FORCE

OFFICIAL

MICHAEL E. ZETTLER, Lieutenant General, USAF  
DCS/Installations and Logistics

8 Atch

1. Proficiency Code Key (Mandatory)
2. Training Requirements, Fundamentals (Mandatory)
3. Training Requirements, Generic (Mandatory, except as indicated in note 1)
4. Training Requirements, F-16 (Optional)
5. Training Requirements, F-15 (Optional)
6. Training Requirements, C-130 (Optional)
7. Training Requirements, KC-135 (Optional)
8. Training Requirements, C-141 (Optional)



|   |                    |      |
|---|--------------------|------|
| <i>This Block Is For Identification Purposes Only</i>             |                    |      |
| Name Of Trainee   |                    |      |
| Printed Name ( <i>Last, First, Middle Initial</i> )               | Initials (Written) | SSAN |
| Printed Name Of Training/Certifying Official And Written Initials |                    |      |
| <i>N/I</i>  | <i>N/I</i>         |      |
| <i>N/I</i>  | <i>N/I</i>         |      |
| <i>N/I</i>  | <i>N/I</i>         |      |
| <i>N/I</i>  | <i>N/I</i>         |      |
| <i>N/I</i>  | <i>N/I</i>         |      |
| <i>N/I</i>  | <i>N/I</i>         |      |
| <i>N/I</i>  | <i>N/I</i>         |      |
| <i>N/I</i>  | <i>N/I</i>         |      |

## QUALITATIVE REQUIREMENTS

| Proficiency Code Key  |             |  |
|---|-------------|--|
|   | Scale Value | Definition: The individual   |
| Task Performance Levels   | 1           | <b>IS EXTREMELY LIMITED</b> (Can do simple parts of the task. Needs to be told or shown how to do most of the task.)       |
|   | 2           | <b>IS PARTIALLY PROFICIENT</b> (Can do most parts of the task. Needs only help on hardest parts.)                          |
|   | 3           | <b>IS COMPETENT</b> (Can do all parts of the task. Needs only a spot check of completed work.)                             |
|   | 4           | <b>IS HIGHLY PROFICIENT</b> (Can do the complete task quickly and accurately. Can tell or show others how to do the task.) |
| *Task Knowledge Levels  | a           | <b>KNOWS NOMENCLATURE</b> (Can name parts, tools, and simple facts about the task. )                                       |
|   | b           | <b>KNOWS PROCEDURES</b> (Can determine step by step procedures for doing the task. )                                       |
|   | c           | <b>KNOWS OPERATING PRINCIPLES</b> (Can identify why and when the task must be done and why each step is needed.)           |
|   | d           | <b>KNOWS ADVANCED THEORY</b> (Can predict, isolate, and resolve problems about the task.)                                  |
| **Subject Knowledge Levels  | A           | <b>KNOWS FACTS</b> (Can identify basic facts and terms about the subject.)   |
|   | B           | <b>KNOWS PRINCIPLES</b> (Can identify relationship of basic facts and state general principles about the subject.)         |
|   | C           | <b>KNOWS ANALYSIS</b> (Can analyze facts and principles and draw conclusions about the subject.)                           |
|   | D           | <b>KNOWS EVALUATION</b> (Can evaluate conditions and make proper decisions about the subject.)                             |
| <p>Explanations</p> <p>* A task knowledge scale value may be used alone or with a task performance scale value to define a level of knowledge for a specific task. (Example: b and 1b)</p> <p>** A subject knowledge scale value is used alone to define a level of knowledge for a subject not directly related to any specific task, or for a subject common to several tasks.</p> <p>- This mark is used alone instead of a scale value to show that no proficiency training is provided in the courses or CDC's.</p> <p>/ This mark is used in course columns to show that training is required but not given due to limitations in resources (3c/b, 2b/b etc.).</p> <p>Note: Tasks and knowledge items shown with an asterisk (*) in column one are trained during war time.</p> |             |  |

# FUNDAMENTAL TRAINING REQUIREMENTS

STS 2A6X6, August 2000

| 1. Tasks, Knowledge And Technical References   | 2. Core Tasks |   | 3. Certification For OJT |              |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |            |
|--|---------------|---|--------------------------|--------------|------------------|------------------|--------------------|--|--------------------|--------------------|------------|
|  | 5             | 7 | A                        | B            | C                | D                | E                  | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |            |
|  |               |   | Tng Start                | Tng Complete | Trainee Initials | Trainer Initials | Certifier Initials | Course   | CDC                | (1)<br>Course      | (2)<br>CDC |
| ATTACHMENT 2   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| NOTE 1: The tasks and knowledge listed in attachment 2 will be performed by all personnel in the electrical and environmental system specialty.  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| NOTE 2: In addition to attachment 2, the tasks and knowledge in attachment 3 will be performed by personnel in the J3ABR2A636-008 course (generic). This course is not aircraft specific and applies to all aircraft with the exception of the F-15, F-16, C-130, KC-135, and C-141. |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| NOTE 8: Tasks and knowledge identified by an asterisk (*) in column 1 are trained in the resident wartime course.  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| NOTE 9: Users are responsible for annotating training references to identify current references pending STS revision.  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| NOTE 10: Items marked in columns 2a or 2b marked with a (*R) are optional core tasks for ANG and AFRC.   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| NOTE 11: Address comments and recommended changes through the MAJCOM Functional Managers to the AETC Training Manager, DSN 736-2772.   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A2.1. SECURITY   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A2.1.1. Communication Security (COMSEC)<br>TR: DOD 52001-R; AFP100-46  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A2.1.1.1.Classify Information  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.1.1.2.Use MAJCOM/SOA EEFls  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.1.1.3.Prevent security violations (non-technical)   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| *A2.1.2. Operations Security (OPSEC) specific vulnerabilities of AFSC 2A6X6 TR: 55-30  |               |   |                          |              |                  |                  |                    | A  | -                  | -                  | -          |
| A2.2. AF OCCUPATIONAL SAFETY AND HEALTH (AFOSH) PROGRAM<br>TR: AFIs 91-202, 91-302; Applicable OSHA and AFOSH standards  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| *A2.2.1. Hazards of AFSC 2A6X6   |               |   |                          |              |                  |                  |                    | A  | B                  | C                  | -          |
| *A2.2.2. AFOSH standards for AFSC 2A6X6  |               |   |                          |              |                  |                  |                    | A  | B                  | -                  | -          |
| A2.2.3. Use safety precautions<br>TR: AFI 21-101; AFOSH 91-66;<br>TOs 00-25-234, 1-1A-14, 1-1A-15, 8D series, 11A series, 31-1-2, 32-1-101, 33C3 series  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| *A2.2.3.1. With handtools  | *             |   |                          |              |                  |                  |                    | 3c   | B                  | -                  | -          |
| *A2.2.3.2. In shop   |               |   |                          |              |                  |                  |                    | 2b   | B                  | -                  | -          |
| *A2.2.3.3. On flight line  |               |   |                          |              |                  |                  |                    | 2b   | B                  | -                  | -          |
| A2.2.4. Nuclear safety/nuclear safety regulations<br>TR: AFRs 35-99,122-1, 122-4, 122-5  |               |   |                          |              |                  |                  |                    | -  | A                  | -                  | -          |
| *A2.2.5.Portable fire extinguishers<br>TR: AFOSH 91-56   |               |   |                          |              |                  |                  |                    | A  | -                  | -                  | -          |
| A2.2.6. Initial Federal Hazard Communication Training Program (FHCTP)<br>TR: AFOSH TOs 48-21, 91-56, 91-66   |               |   |                          |              |                  |                  |                    | A  | -                  | -                  | -          |
| A2.2.7. Explosive Safety Program<br>TR: AFR 91-100   |               |   |                          |              |                  |                  |                    | A  | B                  | C                  | -          |
| A2.3. HAZARDOUS MATERIALS AND WASTE HANDLING ACCORDING TO ENVIRONMENTAL STANDARDS<br>TR: AFI 23-504, EPA State Regulations   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| *A2.3.1. Types of hazardous material /fluids   |               |   |                          |              |                  |                  |                    | B  | C                  | -                  | -          |

# FUNDAMENTAL TRAINING REQUIREMENTS

STS 2A6X6, August 2000

| 1. Tasks, Knowledge And Technical References   | 2. Core Tasks |   | 3. Certification For OJT |              |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |            |
|--|---------------|---|--------------------------|--------------|------------------|------------------|--------------------|--|--------------------|--------------------|------------|
|  | 5             | 7 | A                        | B            | C                | D                | E                  | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |            |
|  |               |   | Tng Start                | Tng Complete | Trainee Initials | Trainer Initials | Certifier Initials | Course   | CDC                | (1)<br>Course      | (2)<br>CDC |
| *A2.3.2. Handling procedures   |               |   |                          |              |                  |                  |                    | B  | C                  | -                  | -          |
| *A2.3.3. Storage and labeling  |               |   |                          |              |                  |                  |                    | B  | C                  | -                  | -          |
| *A2.3.4. Proper disposal   |               |   |                          |              |                  |                  |                    | B  | C                  | -                  | -          |
| <b>A2.4. MAINTENANCE MANAGEMENT</b>  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A2.4.1. Logistics/OPS Group Organizational Structure<br>TR: AFI 21-101, ACC 66-5, AMC 66-1, AFSOC 66-1   |               |   |                          |              |                  |                  |                    | A  | B                  | C                  | -          |
| A2.4.2. Basic functions within the maintenance complex<br>TR: AFI 21-101, ACC 66-5, AMC 66-1, AFSOC 66-1 |               |   |                          |              |                  |                  |                    | A  | B                  | C                  | -          |
| A2.4.3. Processing and controlling material<br>TR: AFI 21-101  |               |   |                          |              |                  |                  |                    | A  | B                  | -                  | -          |
| A2.4.4. Management of training<br>TR: AFR 39-6, AFI 21-101, AFI 36-2201                                  |               |   |                          |              |                  |                  |                    | -  | B                  | -                  | -          |
| *A2.4.5. Automated maintenance system<br>TR: AFMs 66-267, AFCSM 21-556, TO 00-20 series                  |               |   |                          |              |                  |                  |                    | A  | B                  | -                  | -          |
| A2.4.6. Funds Management/depot level reparable (DLR)<br>TR: AFM 66-1, AFR 170-6, AFP 170-1               |               |   |                          |              |                  |                  |                    | -  | A                  | C                  | -          |
| A2.4.7. Status reporting<br>TR: AFR 65-110   |               |   |                          |              |                  |                  |                    | -  | A                  | -                  | -          |
| A2.4.8. Mission Essential System List (MESL)<br>TR: AFI 21-101   |               |   |                          |              |                  |                  |                    | -  | -                  | B                  | -          |
| <b>A2.5. MAINTENANCE AND INSPECTION</b>  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A2.5.1. Maintenance systems<br>TR: AFI 21-101  |               |   |                          |              |                  |                  |                    | B  | B                  | -                  | -          |
| A2.5.2. Inspections systems<br>TR: TOs 00-20 series, 8-1-1   |               |   |                          |              |                  |                  |                    | B  | B                  | -                  | -          |
| A2.5.2.1. Perform acceptance/transfer inspection on aircraft   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.5.2.2. Perform isochronal inspections (A,B,C checks)  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.5.2.3. Perform other scheduled maintenance inspections (e.g. HSC, refurb, etc.)                       |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.5.3. Deficiency reporting system<br>TR: TO 00-35D-54  |               | * |                          |              |                  |                  |                    | A  | B                  | -                  | -          |
| *A2.5.4. AFTO 781 series forms<br>TR: TOs 00-20 series   |               |   |                          |              |                  |                  |                    | B  | B                  | -                  | -          |
| A2.5.5. Use AFTO Form 781A<br>TR: TOs 00-20 series   | *             |   |                          |              |                  |                  |                    | 3c   | B                  | -                  | -          |
| A2.5.6. Use AFTO Form 781H<br>TR: TOs 00-20 series   | *             |   |                          |              |                  |                  |                    | 3c   | B                  | -                  | -          |



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| 1. Tasks, Knowledge And Technical References   | 2. Core Tasks |   | 3. Certification For OJT |              |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |            |
|--|---------------|---|--------------------------|--------------|------------------|------------------|--------------------|--|--------------------|--------------------|------------|
|  | 5             | 7 | A                        | B            | C                | D                | E                  | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |            |
|  |               |   | Tng Start                | Tng Complete | Trainee Initials | Trainer Initials | Certifier Initials | Course   | CDC                | (1)<br>Course      | (2)<br>CDC |
| A2.5.7. Use AFTO Form 781K<br>TR: TOs 00-20 series   | *             |   |                          |              |                  |                  |                    | 3c   | B                  | -                  | -          |
| A2.5.8. General Aircraft Procedures<br>TR: MAJCOM instructions, applicable aircraft TO/checklist |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A2.5.8.1. Statically ground aircraft   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.5.8.2. Open and close engine cowling  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.5.8.3. Remove and install aircraft maintenance panels   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.5.8.4. Use aircraft interphone system   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.5.8.5. Perform aircraft egress  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.5.8.6. Inspect/use ground maintenance stands  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.5.8.7. Select/use restraint harness<br>(e.g. Fall protection/prevention equipment)            |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.5.8.8. Operate aircraft radios  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.5.8.9 Jack Team member  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.5.8.10 Marshall aircraft  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.5.8.11 Tow Team member  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.5.8.12 Refuel/defuel member   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.6. USE AUTOMATED MAINTENANCE SYSTEM   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A2.6.1. GO81 TR: AFM 66-267,66-278, TO 00-70   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A2.6.1.1. 9050 - Use GO81  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.6.1.2. 9050 - Open aircraft discrepancies   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.6.1.3. 9010 - Close aircraft discrepancies  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.6.1.4. 9099 - MDC/close aircraft discrepancies  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.6.1.5. 8063 - Jobs closed, no MDC taken   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.6.1.6. 9032 - Generate aircraft flying forms  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.6.1.7. 9203 - JOAP sample form  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.6.1.8. Research parts<br>TR: AFM 67-1, FED LOG,<br>TO 00-20 series                            |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.6.1.9. 9128 - Build repairable item processing tag<br>(AFTO Form 350)                         |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.6.1.10. 8044 - Supply information on a particular aircraft                                    |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.6.1.11. 8057 - Tail number bin (TNB) list   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| *A2.6.2. Use CAMS<br>TR: AFCSM 21-556  | *             |   |                          |              |                  |                  |                    | 2b   | B                  | -                  | -          |

# FUNDAMENTAL TRAINING REQUIREMENTS

STS 2A6X6, August 2000

| 1. Tasks, Knowledge And Technical References   | 2. Core Tasks |   | 3. Certification For OJT |              |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |            |
|--|---------------|---|--------------------------|--------------|------------------|------------------|--------------------|--|--------------------|--------------------|------------|
|  | 5             | 7 | A                        | B            | C                | D                | E                  | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |            |
|  |               |   | Tng Start                | Tng Complete | Trainee Initials | Trainer Initials | Certifier Initials | Course   | CDC                | (1)<br>Course      | (2)<br>CDC |
| A2.7. SUPERVISION  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A2.7.1. Orient new personnel<br>TR: AFIs 37-2108, 37-2202  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.7.2. Assign personnel to work crews<br>TR: AFI 21-101   |               |   |                          |              |                  |                  |                    | -  | -                  | C                  | -          |
| A2.7.3. Plan work assignments and priorities<br>TR: AFI 21-101                                       |               |   |                          |              |                  |                  |                    | -  | -                  | C                  | -          |
| A2.7.4. Schedule work assignments<br>TR: AFI 21-101  |               |   |                          |              |                  |                  |                    | -  | -                  | C                  | -          |
| A2.7.5. Establish<br>TR: AFR 39-7, AFI 21-101  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A2.7.5.1. Work methods   |               |   |                          |              |                  |                  |                    | -  | -                  | C                  | -          |
| A2.7.5.2. Controls   |               |   |                          |              |                  |                  |                    | -  | -                  | C                  | -          |
| A2.7.5.3. Performance standards  |               |   |                          |              |                  |                  |                    | -  | -                  | C                  | -          |
| A2.7.6. Evaluate work performance of subordinate personnel<br>TR: AFI 36-2403                        |               |   |                          |              |                  |                  |                    | -  | -                  | C                  | -          |
| A2.7.7. Resolve technical problems for subordinate personnel<br>TR: Applicable aircraft TOs          |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.7.8. Counsel personnel and resolve individual problems TR: AFR 39-6                               |               |   |                          |              |                  |                  |                    | -  | -                  | C                  | -          |
| A2.7.9. Initiate action to correct substandard performance by personnel<br>TR: AFIs 36-2503, 36-2907 |               |   |                          |              |                  |                  |                    | -  | -                  | C                  | -          |
| A2.8. TRAINING<br>TR: AFI 36-2202  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A2.8.1. Evaluate personnel to determine need for training  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.8.2. Plan and supervise OJT   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A2.8.2.1. Prepare job qualification standards  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.8.2.2. Conduct training   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.8.2.3. Counsel trainees on their progress   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.8.2.4. Monitor effectiveness of training  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A2.8.2.4.1. Career knowledge upgrade   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.8.2.4.2. Job proficiency upgrade  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.8.2.4.3. Qualification  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.8.3. Maintain training records  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.8.4. Evaluate effectiveness of training programs/<br>training evaluation reports                  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.8.5. Recommend personnel for training<br>TR: AFCAT 36-2223; AFR 50-37;<br>AFIs 36-101, 36-2108    |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |

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| 1. Tasks, Knowledge And Technical References   | 2. Core Tasks |   | 3. Certification For OJT |              |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |            |
|--|---------------|---|--------------------------|--------------|------------------|------------------|--------------------|--|--------------------|--------------------|------------|
|  | 5             | 7 | A                        | B            | C                | D                | E                  | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |            |
|  |               |   | Tng Start                | Tng Complete | Trainee Initials | Trainer Initials | Certifier Initials | Course   | CDC                | (1)<br>Course      | (2)<br>CDC |
| A2.8.6. OJT trainer requirements   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A2.8.6.1. Prepare teaching outlines or tasks breakdowns  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.8.6.2. Provide trainees theory and training on actual equipment   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.8.6.3. Provide feedback on training provided  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.8.7. OJT task certifier requirements  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A2.8.7.1. Develop methods of evaluation to determine trainee knowledge/qualification, and training effectiveness     |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.8.7.2. Use appropriate method of evaluation and effectively determine trainee's ability                           |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.8.7.3. Provide supervisor and trainer feedback on results of training provided and trainee's strengths/weaknesses |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.8.8. Interpret CFETP  |               |   |                          |              |                  |                  |                    | -  | -                  | B                  | -          |
| A2.9. TECHNICAL PUBLICATIONS   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| *A2.9.1. Fundamentals of the technical order system<br>TR: TO 00-5 series  |               |   |                          |              |                  |                  |                    | B  | B                  | -                  | -          |
| *A2.9.2. Use technical manuals for specific equipment<br>TR: TO 00-5-1 (sec II and V)                                | *             |   |                          |              |                  |                  |                    | 2b   | B                  | -                  | -          |
| *A2.9.3. Use abbreviated technical orders<br>TR: TO 00-5-1 (sec II)  | *             |   |                          |              |                  |                  |                    | 2b   | B                  | -                  | -          |
| *A2.9.4. Use methods and procedures technical orders<br>TR: TO 00-XX series  |               |   |                          |              |                  |                  |                    | 2b   | B                  | -                  | -          |
| A2.9.5. Use standard publications<br>TR: AFR 0-series, subject series, 50, 66, 122, 127                              |               |   |                          |              |                  |                  |                    | -  | B                  | -                  | -          |
| *A2.9.6. Technical order improvement report<br>TR: TO 00-5-1 (sec VIII)  |               |   |                          |              |                  |                  |                    | A  | B                  | -                  | -          |
| *A2.9.7. Time compliance technical order<br>TR: TO 00-5-15   |               |   |                          |              |                  |                  |                    | A  | B                  | -                  | -          |
| A2.9.8. Maintain technical publications  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.10. AF SUPPLY DISCIPLINE<br>TR: AFMs 67-1, 67-23  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| *A2.10.1. Property accountability  |               |   |                          |              |                  |                  |                    | A  | B                  | B                  | -          |
| A2.10.2. Principles of supply authorization and management   |               |   |                          |              |                  |                  |                    | -  | B                  | -                  | -          |
| A2.10.3. Issue and turn-in procedures  |               |   |                          |              |                  |                  |                    | A  | B                  | -                  | -          |
| A2.10.4. Use of issue and turn-in forms  | *             |   |                          |              |                  |                  |                    | -  | B                  | -                  | -          |
| *A2.10.5. Standard Base Supply System (SBSS)<br>TR: AFM 67-279 series  |               |   |                          |              |                  |                  |                    | 2b   | B                  | -                  | -          |

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| 1. Tasks, Knowledge And Technical References  | 2. Core Tasks |   | 3. Certification For OJT |              |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |            |
|---|---------------|---|--------------------------|--------------|------------------|------------------|--------------------|--|--------------------|--------------------|------------|
|   | 5             | 7 | A                        | B            | C                | D                | E                  | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |            |
|   |               |   | Tng Start                | Tng Complete | Trainee Initials | Trainer Initials | Certifier Initials | Course   | CDC                | (1)<br>Course      | (2)<br>CDC |
| A2.10.6. Use supply reports   |               |   |                          |              |                  |                  |                    | -  | -                  | B                  | -          |
| A2.10.7. Utilize equipment authorization table of allowances list   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.11. ELECTRICAL AND ENVIRONMENTAL FUNDAMENTALS<br>TR: AFI 21-101; AFOSH 91-66;<br>TOs 00-25-234,1-1A-8, 1-1A-14, 32-1-101 |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| *A2.11.1. Composite toolkit (CTK) program   |               |   |                          |              |                  |                  |                    | A  | B                  | -                  | -          |
| *A2.11.2. Use handtools   | *             |   |                          |              |                  |                  |                    | 3c   | B                  | -                  | -          |
| A2.11.3. Solder electrical connections  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| *A2.11.3.1. Conventional devices  | *             |   |                          |              |                  |                  |                    | 3c   | B                  | -                  | -          |
| A2.11.3.2. Solid state devices  |               |   |                          |              |                  |                  |                    | -  | B                  | -                  | -          |
| A2.11.3.3. Advanced soldering   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | B          |
| A2.11.4. Perform wire maintenance   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A2.11.4.1. Use solderless electrical connector devices  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| *A2.11.4.1.1. Connector plugs   | *             |   |                          |              |                  |                  |                    | 3c   | B                  | -                  | -          |
| *A2.11.4.1.2. Splices   | *             |   |                          |              |                  |                  |                    | 3c   | B                  | -                  | -          |
| *A2.11.4.1.3. Terminals   | *             |   |                          |              |                  |                  |                    | 3c   | B                  | -                  | -          |
| A2.11.4.2. Wire bundle  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| *A2.11.4.2.1. Remove  |               |   |                          |              |                  |                  |                    | 2b   | -                  | -                  | -          |
| *A2.11.4.2.2. Repair  |               |   |                          |              |                  |                  |                    | 2b   | -                  | -                  | -          |
| *A2.11.4.2.3. Install   |               |   |                          |              |                  |                  |                    | 2b   | -                  | -                  | -          |
| A2.11.4.2.4. Modular blocks   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| *A2.11.5. Corrosion control   |               |   |                          |              |                  |                  |                    | A  | B                  | -                  | -          |
| *A2.11.6. Use safetying devices   | *             |   |                          |              |                  |                  |                    | 3c   | B                  | -                  | -          |
| *A2.11.7. Use appropriate hardware  | *             |   |                          |              |                  |                  |                    | 2b   | B                  | -                  | -          |
| *A2.11.8. Special wiring: special purpose wire, compact wire bundle, electrical magnetic pulse (EMP) hardened cable         |               |   |                          |              |                  |                  |                    | A  | B                  | -                  | -          |
| A2.11.9. Inspect engine wiring harness  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.11.10. Bench/repair engine wiring harness  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.11.11. Protect exposed electrical connectors, open pressure lines, and ducting   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.11.12. Remove  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A2.11.12.1. Switches/protective devices   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.11.12.2. Relay/socket (plug-in)  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.11.12.3. Proximity sensors   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.11.12.4. Transformer/power supply  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |

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| 1. Tasks, Knowledge And Technical References  | 2. Core Tasks |   | 3. Certification For OJT |              |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |            |
|---|---------------|---|--------------------------|--------------|------------------|------------------|--------------------|--|--------------------|--------------------|------------|
|   | 5             | 7 | A                        | B            | C                | D                | E                  | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |            |
|   |               |   | Tng Start                | Tng Complete | Trainee Initials | Trainer Initials | Certifier Initials | Course   | CDC                | (1)<br>Course      | (2)<br>CDC |
| A2.11.13. Install   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A2.11.13.1. Switches/protective devices   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.11.13.2. Relay/socket (plug-in)  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.11.13.3. Proximity sensors   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.11.13.4. Transformer/power supply  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.11.14. Fabricate flexible conduits/wiring harness  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.11.15. Operate associate systems as necessary to perform maintenance (e.g. hydraulics, fuels systems, etc.)  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.12. AIRCRAFT FAMILIARIZATION<br>TR: AFI 16-401; Applicable aircraft TOs  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A2.12.1. Principles of flight   |               |   |                          |              |                  |                  |                    | B  | -                  | -                  | -          |
| A2.12.2. Location of structural components  |               |   |                          |              |                  |                  |                    | A  | -                  | -                  | -          |
| A2.12.3. Location of system components  |               |   |                          |              |                  |                  |                    | A  | -                  | -                  | -          |
| A2.12.4. Glass cockpit  |               |   |                          |              |                  |                  |                    | A  | -                  | -                  | -          |
| A2.12.5. Maintenance tunnel/area entry procedures   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.12.6. Smoke and fire detection/suppression procedures  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.12.7. Operate IRMS (VHF/UHF/HF/PA/INPH/WIS)  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.12.8. Operate mission computing system   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.12.9. Operate maintenance monitor/interface (built-in test) panel  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.13. ELECTRICAL/ELECTRONIC FUNDAMENTALS TR: TO 00-25-234; 31-1-141 series; applicable aircraft TOs  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| *A2.13.1. DC fundamentals: Electron theory, magnetism, voltage generation, Kirchhoff's law, Ohm's law, resistance and power formulas, DC motors, control protective devices |               |   |                          |              |                  |                  |                    | B  | B                  | -                  | -          |
| *A2.13.2. AC fundamentals: Inductors, capacitors, voltage generation, transformers, AC motors   |               |   |                          |              |                  |                  |                    | B  | B                  | -                  | -          |
| *A2.13.3. Electronic fundamentals: Solid state devices, power supplies, amplifiers circuits, electronic voltage regulators, logic gates                                     |               |   |                          |              |                  |                  |                    | B  | B                  | -                  | -          |
| *A2.13.4. Use wiring diagrams   | *             |   |                          |              |                  |                  |                    | 1b   | B                  | -                  | -          |
| *A2.13.5. Use schematics  | *             |   |                          |              |                  |                  |                    | 1b   | B                  | -                  | -          |
| *A2.13.6. Use troubleshooting techniques  |               |   |                          |              |                  |                  |                    | 1b   | B                  | -                  | C          |
| A2.13.7. Electrostatic discharge (ESD)  |               |   |                          |              |                  |                  |                    | A  | B                  | -                  | -          |

# FUNDAMENTAL TRAINING REQUIREMENTS

STS 2A6X6, August 2000

| 1. Tasks, Knowledge And Technical References   | 2. Core Tasks |   | 3. Certification For OJT |              |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |            |
|--|---------------|---|--------------------------|--------------|------------------|------------------|--------------------|--|--------------------|--------------------|------------|
|  | 5             | 7 | A                        | B            | C                | D                | E                  | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |            |
|  |               |   | Tng Start                | Tng Complete | Trainee Initials | Trainer Initials | Certifier Initials | Course   | CDC                | (1)<br>Course      | (2)<br>CDC |
| A2.14. ELEMENTS OF PHYSICS<br>TR: AFM 51-9   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| *A2.14.1. Temperature  |               |   |                          |              |                  |                  |                    | B  | B                  | -                  | C          |
| *A2.14.2. Pressure   |               |   |                          |              |                  |                  |                    | B  | B                  | -                  | C          |
| *A2.14.3. Atmosphere   |               |   |                          |              |                  |                  |                    | B  | B                  | -                  | C          |
| *A2.14.4. Air flow   |               |   |                          |              |                  |                  |                    | B  | B                  | -                  | C          |
| A2.15. BATTERY SHOP<br>TR: AFOSH 91-66, TOs 8D2-2 series,<br>8D2-3 series, 33C3 series   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A2.15.1. Nickel-Cadmium  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| *A2.15.1.1. Battery fundamentals   |               |   |                          |              |                  |                  |                    | B  | B                  | -                  | -          |
| A2.15.1.2. Operate charging equipment  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.15.1.3. Maintain charging equipment   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.15.1.4. Service batteries   | *             |   |                          |              |                  |                  |                    | -  | B                  | -                  | -          |
| A2.15.2. Lead acid<br>TR: TOs 8D2-1-31, 33A1 series  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| *A2.15.2.1. Battery fundamentals   |               |   |                          |              |                  |                  |                    | B  | B                  | -                  | -          |
| A2.15.2.2. Operate charging equipment  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.15.2.3. Maintain charging equipment   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.15.2.4. Service batteries   | *             |   |                          |              |                  |                  |                    | -  | B                  | -                  | -          |
| A2.15.3. Troubleshoot/repair battery charging equipment  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.16. CRYOTAINER SYSTEM<br>TR: AFOSH standards; TOs 34Y5 series,<br>35D3 series, 35D29 series, 36G2 series,<br>37C2 series, 37C11-3-1 |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A2.16.1. Operational fundamentals  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| *A2.16.1.1. Oxygen   |               |   |                          |              |                  |                  |                    | B  | B                  | -                  | -          |
| *A2.16.1.2. Nitrogen   |               |   |                          |              |                  |                  |                    | B  | B                  | -                  | -          |
| A2.16.2. Evacuate cryotainer   |               |   |                          |              |                  |                  |                    | -  | B                  | -                  | -          |
| A2.16.3. Purge   | */R           |   |                          |              |                  |                  |                    | B  | B                  | -                  | -          |
| A2.16.4. Operational check   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A2.16.4.1. Oxygen  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.16.4.2. Nitrogen  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.16.4.3. Cryotainer/cart   | */R           |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.16.4.4. LN2 GSU truck   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.16.5. Troubleshoot  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A2.16.5.1. Oxygen  |               | * |                          |              |                  |                  |                    | -  | B                  | -                  | -          |
| A2.16.5.2. Nitrogen  |               |   |                          |              |                  |                  |                    | -  | B                  | -                  | -          |

# FUNDAMENTAL TRAINING REQUIREMENTS

STS 2A6X6, August 2000

| 1. Tasks, Knowledge And Technical References               | 2. Core Tasks |     | 3. Certification For OJT |              |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |            |
|--|---------------|-----|--------------------------|--------------|------------------|------------------|--------------------|--|--------------------|--------------------|------------|
|  | 5             | 7   | A                        | B            | C                | D                | E                  | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |            |
|  |               |     | Tng Start                | Tng Complete | Trainee Initials | Trainer Initials | Certifier Initials | Course   | CDC                | (1)<br>Course      | (2)<br>CDC |
| A2.16.5.3. Cryotainer/cart                                 |               | */R |                          |              |                  |                  |                    | -  | B                  | -                  | -          |
| A2.16.5.4. LN2 GSU truck                                   |               |     |                          |              |                  |                  |                    | -  | B                  | -                  | -          |
| A2.16.6. Inspect   |               |     |                          |              |                  |                  |                    |  |                    |                    |            |
| A2.16.6.1. Oxygen  | *             |     |                          |              |                  |                  |                    | -  | B                  | -                  | -          |
| A2.16.6.2. Nitrogen  |               |     |                          |              |                  |                  |                    | -  | B                  | -                  | -          |
| A2.16.6.3. Cryotainer/cart                                 | */R           |     |                          |              |                  |                  |                    | -  | B                  | -                  | -          |
| A2.16.7. Perform leak test                                 |               |     |                          |              |                  |                  |                    |  |                    |                    |            |
| A2.16.7.1. Oxygen  | *             |     |                          |              |                  |                  |                    | -  | B                  | -                  | -          |
| A2.16.7.2. Nitrogen  |               |     |                          |              |                  |                  |                    | -  | B                  | -                  | -          |
| A2.16.7.3. Cryotainer/cart                                 | */R           |     |                          |              |                  |                  |                    | -  | B                  | -                  | -          |
| A2.16.8. Remove components                                 |               |     |                          |              |                  |                  |                    |  |                    |                    |            |
| A2.16.8.1. Oxygen  | *             |     |                          |              |                  |                  |                    | -  | B                  | -                  | -          |
| A2.16.8.2. Nitrogen  |               |     |                          |              |                  |                  |                    | -  | B                  | -                  | -          |
| A2.16.8.3. Cryotainer/cart                                 | */R           |     |                          |              |                  |                  |                    | -  | B                  | -                  | -          |
| A2.16.9. Install Components                                |               |     |                          |              |                  |                  |                    |  |                    |                    |            |
| A2.16.9.1. Oxygen  | *             |     |                          |              |                  |                  |                    | -  | B                  | -                  | -          |
| A2.16.9.2. Nitrogen  |               |     |                          |              |                  |                  |                    | -  | B                  | -                  | -          |
| A2.16.9.3. Cryotainer/cart                                 | */R           |     |                          |              |                  |                  |                    | -  | B                  | -                  | -          |
| A2.16.10. Repair Components                                |               |     |                          |              |                  |                  |                    |  |                    |                    |            |
| A2.16.10.1. Oxygen   |               |     |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.16.10.2. Nitrogen                                       |               |     |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.16.10.3. Cryotainer/cart                                |               |     |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.16.11. Gaseous nitrogen/ oxygen servicing carts         |               |     |                          |              |                  |                  |                    |  |                    |                    |            |
| A2.16.11.1. Troubleshoot                                   |               |     |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.16.11.2. Inspect  |               |     |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.16.11.3. Remove/install/repair/overhaul components      |               |     |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.16.12. Purge unit                                       |               |     |                          |              |                  |                  |                    |  |                    |                    |            |
| A2.16.12.1. Troubleshoot                                   |               |     |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.16.12.2. Inspect  |               |     |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.16.12.3. Remove/install/repair/overhaul components      |               |     |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.16.13. Clean components                                 |               |     |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.17. METERS AND TESTERS<br>TR:: Applicable 33 series TOs |               |     |                          |              |                  |                  |                    |  |                    |                    |            |
| A2.17.1. Use insulation tester                             |               |     |                          |              |                  |                  |                    | -  | B                  | -                  | -          |
| A2.17.2. Use decade box                                    |               |     |                          |              |                  |                  |                    | -  | B                  | -                  | -          |

# FUNDAMENTAL TRAINING REQUIREMENTS

STS 2A6X6, August 2000

| 1. Tasks, Knowledge And Technical References                                 | 2. Core Tasks |   | 3. Certification For OJT |              |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |            |
|--|---------------|---|--------------------------|--------------|------------------|------------------|--------------------|--|--------------------|--------------------|------------|
|  | 5             | 7 | A                        | B            | C                | D                | E                  | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |            |
|  |               |   | Tng Start                | Tng Complete | Trainee Initials | Trainer Initials | Certifier Initials | Course   | CDC                | (1)<br>Course      | (2)<br>CDC |
| *A2.17.3. Use ECS tester   |               |   |                          |              |                  |                  |                    | 2b   | -                  | -                  | -          |
| A2.17.4. Use electrical/pneumatic component testers                          |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| *A2.17.5. Use oxygen system regulator tester                                 |               |   |                          |              |                  |                  |                    | 3c   | B                  | -                  | -          |
| A2.17.6. Use sonic leak detector   |               |   |                          |              |                  |                  |                    | 2b   | B                  | -                  | -          |
| A2.17.7. Use cockpit cabin pressure leakage tester                           |               |   |                          |              |                  |                  |                    | -  | B                  | -                  | -          |
| *A2.17.8. Use anti-skid tester   |               |   |                          |              |                  |                  |                    | 2b   | B                  | -                  | -          |
| A2.17.9. Use bonding meter   |               |   |                          |              |                  |                  |                    | -  | B                  | -                  | -          |
| A2.17.10. Use load bank  |               |   |                          |              |                  |                  |                    | -  | B                  | -                  | -          |
| *A2.17.11. Use multimeter (digital/analog)                                   | *             |   |                          |              |                  |                  |                    | 3c   | B                  | -                  | -          |
| A2.17.12. Use igniter circuit tester   |               |   |                          |              |                  |                  |                    | a  | B                  | -                  | -          |
| A2.17.13. Use oscilloscope   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | B          |
| A2.17.14. Use time domain reflectometer                                      |               |   |                          |              |                  |                  |                    | -  | B                  | 3c                 | B          |
| A2.17.15. Use generator test stand   |               |   |                          |              |                  |                  |                    | -  | B                  | -                  | -          |
| A2.17.16. Perform periodic/inspections/pre-use inspections                   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.17.17. Maintenance/repair on test equipment                               |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.17.18. Troubleshoot/repair load bank                                      |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.17.19. Use locally manufactured test equipment                            |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.17.20. Bench check/repair air conditioning temperature control box tester |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.17.21. Bench check/repair vacuum indicator                                |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.17.22. Use linear and rotary actuator test stand                          |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.17.23. Troubleshoot/repair linear and rotary actuator test stand          |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.17.24. Use flap/slat brake tester   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.17.25. Use control tester   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.17.26. Use/troubleshoot/repair constant speed drive/generator test stand  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.17.27. Use frequency meters/counters                                      |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.17.28. Use fire system tester   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.17.29. Use fire detection control unit tester                             |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.17.30. Use/troubleshoot/repair empennage de-ice controller tester         |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.17.31. Use/troubleshoot/repair T-170/K735 test set components             |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.17.32. Use TTU-205  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.17.33. Use micron gauge   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A2.17.34. Use ultraviolet light  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |



# FUNDAMENTAL TRAINING REQUIREMENTS

STS 2A6X6, August 2000

| 1. Tasks, Knowledge And Technical References                        | 2. Core Tasks |   | 3. Certification For OJT |              |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |         |
|---|---------------|---|--------------------------|--------------|------------------|------------------|--------------------|--|--------------------|--------------------|---------|
|   | 5             | 7 | A                        | B            | C                | D                | E                  | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |         |
|   |               |   | Tng Start                | Tng Complete | Trainee Initials | Trainer Initials | Certifier Initials | Course   | CDC                | (1) Course         | (2) CDC |
| A2.17.35. Operate/troubleshoot/repair wiring marking machines       |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A2.17.36. Troubleshoot/repair locally manufactured testers          |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A2.17.37. Use pneumatic system tester (electrical/nitrogen)         |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A2.17.38. Use windshield anti-ice system tester                     |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A2.17.39. Use Jet-Cal tester  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A2.17.40. Use vacuum pump   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A2.18.1. INTEGRATED MAINTENANCE DATA SYSTEM (IMDS)<br>TR: AFI21-101 |               |   |                          |              |                  |                  |                    |  |                    |                    |         |
| A2.18.1.1. IMDS Training Subsystem                                  |               |   |                          |              |                  |                  |                    |  |                    |                    |         |
| A2.18.1.1.1. Purpose of the IMDS training ★ subsystem               |               |   |                          |              |                  |                  |                    | A/-  | B/-                | B/-                | -       |
| A2.18.1.1.2. Document master Task List (MTL)                        |               |   |                          |              |                  |                  |                    | -  | -                  | B/-                | -       |
| A2.18.1.1.3. Perform Ad Hoc inquiry                                 |               |   |                          |              |                  |                  |                    | -  | -                  | B/-                | -       |
| A2.18.1.1.4. Identify duty position requirements                    |               |   |                          |              |                  |                  |                    | -  | -                  | B/-                | -       |
| A2.18.1.1.5. Document task certification                            |               |   |                          |              |                  |                  |                    | a/-  | B/-                | B/-                | -       |
| A2.18.1.2 IMDS Maintenance Data Collection (MDC)                    |               |   |                          |              |                  |                  |                    |  |                    |                    |         |
| A2.18.1.2.1 Purpose of MDC process                                  |               |   |                          |              |                  |                  |                    | A/-  | B/-                | -                  | -       |
| A2.18.1.2.2. Use IMDS to:   |               |   |                          |              |                  |                  |                    |  |                    |                    |         |
| A2.18.1.2.2.1 Create jobs   | *             |   |                          |              |                  |                  |                    | 3c/-   | -                  | -                  | -       |
| A2.18.1.2.2.2 Transfer jobs   | *             |   |                          |              |                  |                  |                    | 2b/-   | -                  | -                  | -       |
| A2.18.1.2.2.3. Clear jobs   | *             |   |                          |              |                  |                  |                    | 3c/-   | -                  | -                  | -       |
| A2.18.1.2.2.4. Document component maintenance actions               | *             |   |                          |              |                  |                  |                    | 3c/-   | -                  | -                  | -       |
| A2.18.1.2.2.5. Document cannibalization                             | *             |   |                          |              |                  |                  |                    | 3c/-   | -                  | -                  | -       |
| A2.18.1.2.2.6. Use Portable Maintenance Aid (PMA)                   | *             |   |                          |              |                  |                  |                    | 2b/-   | -                  | -                  | -       |
| A2.18.1.2.2.7. Order parts  | *             |   |                          |              |                  |                  |                    | 3c/-   | -                  | -                  | -       |
| A2.18.1.2.2.8. Review maintenance status                            | *             |   |                          |              |                  |                  |                    | 3c/-   | -                  | -                  | -       |
| A2.18.1.2.2.9. Review equipment status                              | *             |   |                          |              |                  |                  |                    | 3c/-   | -                  | -                  | -       |
|   |               |   |                          |              |                  |                  |                    |  |                    |                    |         |
|   |               |   |                          |              |                  |                  |                    |  |                    |                    |         |
|   |               |   |                          |              |                  |                  |                    |  |                    |                    |         |
|   |               |   |                          |              |                  |                  |                    |  |                    |                    |         |
|   |               |   |                          |              |                  |                  |                    |  |                    |                    |         |
|   |               |   |                          |              |                  |                  |                    |  |                    |                    |         |

# GENERIC TRAINING REQUIREMENTS

STS 2A6X6, August 2000

| 1. Tasks, Knowledge And Technical References   | 2. Core Tasks |   | 3. Certification For OJT |                 |                     |                     |                       | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |            |
|--|---------------|---|--------------------------|-----------------|---------------------|---------------------|-----------------------|--|--------------------|--------------------|------------|
|  | 5             | 7 | A                        | B               | C                   | D                   | E                     | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |            |
|  |               |   | Tng<br>Start             | Tng<br>Complete | Trainee<br>Initials | Trainer<br>Initials | Certifier<br>Initials | Course   | CDC                | (1)<br>Course      | (2)<br>CDC |
| ATTACHMENT 3   |               |   |                          |                 |                     |                     |                       |  |                    |                    |            |
| NOTE 1: In addition to attachment 2, the tasks and knowledge in attachment 3 will be performed by personnel in the J3ABR2A636-008 course (generic). This course is not aircraft specific and applies to all aircraft with the exception of F-15, F-16, C-130, KC-135, and C-141 and C-5. |               |   |                          |                 |                     |                     |                       |  |                    |                    |            |
| NOTE 2: Tasks and knowledge identified by an asterisk (*) in column 1 are trained in the resident wartime course.  |               |   |                          |                 |                     |                     |                       |  |                    |                    |            |
| NOTE 3: Users are responsible for annotating training references to identify current references pending STS revision.  |               |   |                          |                 |                     |                     |                       |  |                    |                    |            |
| NOTE 4: Items marked in columns 2a or 2b marked with a (*R) are optional core tasks for ANG and AFRC.  |               |   |                          |                 |                     |                     |                       |  |                    |                    |            |
| NOTE 5: Address comments and recommended changes through the MAJCOM Functional Managers to the AETC Training Manager, DSN 736-2772.  |               |   |                          |                 |                     |                     |                       |  |                    |                    |            |
| A3.1. AC POWER SYSTEM<br>TR: Applicable aircraft TOs, 8 series component TOs   |               |   |                          |                 |                     |                     |                       |  |                    |                    |            |
| *A3.1.1. Operational fundamentals  |               |   |                          |                 |                     |                     |                       | B  | B                  | -                  | -          |
| A3.1.2. Operational check  |               |   |                          |                 |                     |                     |                       |  |                    |                    |            |
| A3.1.2.1. 60 Hertz system  |               |   |                          |                 |                     |                     |                       | -  | -                  | -                  | -          |
| A3.1.2.2. Co-pilot instrument power system   |               |   |                          |                 |                     |                     |                       | -  | -                  | -                  | -          |
| A3.1.2.3. Preform BPCU interrogation/bite check  |               |   |                          |                 |                     |                     |                       | -  | -                  | -                  | -          |
| *A3.1.2.4 Other systems  |               |   |                          |                 |                     |                     |                       | 2b   | -                  | -                  | -          |
| A3.1.3. Troubleshoot   |               |   |                          |                 |                     |                     |                       |  |                    |                    |            |
| A3.1.3.1. CSD  |               |   |                          |                 |                     |                     |                       | -  | -                  | -                  | -          |
| *A3.1.3.2. AC generators   |               |   |                          |                 |                     |                     |                       | 2b   | B                  | -                  | C          |
| A3.1.3.3. Generator/bus protection panels  |               |   |                          |                 |                     |                     |                       | -  | -                  | -                  | -          |
| A3.1.3.4. Generator voltage regulators   |               |   |                          |                 |                     |                     |                       | -  | -                  | -                  | -          |
| A3.1.3.5. Generator load controllers   |               |   |                          |                 |                     |                     |                       | -  | -                  | -                  | -          |
| A3.1.3.6. Bus tie/generator line contactor   |               |   |                          |                 |                     |                     |                       | -  | -                  | -                  | -          |
| A3.1.3.7. 60 Hertz system  |               |   |                          |                 |                     |                     |                       | -  | -                  | -                  | -          |
| A3.1.3.8. Co-pilot instrument power system   |               |   |                          |                 |                     |                     |                       | -  | -                  | -                  | -          |
| A3.1.4. Inspect  |               |   |                          |                 |                     |                     |                       |  |                    |                    |            |
| A3.1.4.1. CSD  |               | * |                          |                 |                     |                     |                       | -  | -                  | -                  | -          |
| A3.1.4.2. AC generators  |               | * |                          |                 |                     |                     |                       | -  | -                  | -                  | -          |
| A3.1.4.3. Generator/bus protection panels  |               | * |                          |                 |                     |                     |                       | -  | -                  | -                  | -          |
| A3.1.4.4. Generator voltage regulators   |               | * |                          |                 |                     |                     |                       | -  | -                  | -                  | -          |
| A3.1.4.5. Generator load controllers   |               | * |                          |                 |                     |                     |                       | -  | -                  | -                  | -          |
| A3.1.4.6. Bus tie/generator line contactor   |               | * |                          |                 |                     |                     |                       | -  | -                  | -                  | -          |
| A3.1.4.7. 60 Hertz system  |               |   |                          |                 |                     |                     |                       | -  | -                  | -                  | -          |
| A3.1.4.8. Co-pilot instrument power system   |               |   |                          |                 |                     |                     |                       | -  | -                  | -                  | -          |
| A3.1.5. Remove components  |               |   |                          |                 |                     |                     |                       |  |                    |                    |            |
| A3.1.5.1. Generator/IDG/APU/ATM/engine   |               |   |                          |                 |                     |                     |                       | -  | -                  | -                  | -          |
| A3.1.5.2. Associated equipment/hardware  |               |   |                          |                 |                     |                     |                       | -  | -                  | -                  | -          |
| A3.1.5.3. Relays   | *             |   |                          |                 |                     |                     |                       | -  | -                  | -                  | -          |

Attachment 3

# GENERIC TRAINING REQUIREMENTS

STS 2A6X6, August 2000

| 1. Tasks, Knowledge And Technical References                             | 2. Core Tasks |   | 3. Certification For OJT |              |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |            |
|--|---------------|---|--------------------------|--------------|------------------|------------------|--------------------|--|--------------------|--------------------|------------|
|  | 5             | 7 | A                        | B            | C                | D                | E                  | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |            |
|  |               |   | Tng Start                | Tng Complete | Trainee Initials | Trainer Initials | Certifier Initials | Course   | CDC                | (1)<br>Course      | (2)<br>CDC |
| A3.1.5.4. Survivability/vulnerability (S/V) box                          |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.1.5.5. Constant speed drive (CSD) wiring harness (Sunstrand CSD only) |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.1.5.6. CSD pressure switches (Sunstrand CSD Only)                     |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.1.5.7. Other system components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.1.6. Repair components  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.1.6.1. AC generator control units                                     |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.1.6.2. Bus/tie/GLC contactor  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.1.6.3. Other system components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.1.6.4. CSD  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.1.6.5. AC generators  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.1.6.6. Generator/bus protection panels                                |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.1.6.7. Generator voltage regulators                                   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.1.6.8. Generator load controllers                                     |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.1.6.9. Bus tie/generator line contactor                               |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.1.6.10. 60 Hertz system   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.1.6.11. Co-pilot instrument power system                              |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.1.7. Install components   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.1.7.1. Generator/IDG/APU/ATM/engine                                   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.1.7.2. Associated equipment/hardware                                  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.1.7.3. Relays   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.1.7.4. Survivability/vulnerability (S/V) box                          |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.1.7.5. Constant speed drive (CSD) wiring harness (Sunstrand CSD only) |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.1.7.6. CSD pressure switches (Sunstrand CSD Only)                     |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.1.7.7. Other system components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.1.8. Bench check  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.1.8.1. CSD  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.1.8.2. AC generators  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.1.8.3. Generator/bus protection panels                                |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.1.8.4. Generator voltage regulators                                   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.1.8.5. Generator load controllers                                     |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.1.8.6. Bus tie/generator line contactor                               |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.1.8.7. 60 Hertz system  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.1.8.8. Co-pilot instrument power system                               |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.1.9. Components location  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |

# GENERIC TRAINING REQUIREMENTS

STS 2A6X6, August 2000

| 1. Tasks, Knowledge And Technical References                                       | 2. Core Tasks |   | 3. Certification For OJT |              |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |            |
|--|---------------|---|--------------------------|--------------|------------------|------------------|--------------------|--|--------------------|--------------------|------------|
|  | 5             | 7 | A                        | B            | C                | D                | E                  | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |            |
|  |               |   | Tng Start                | Tng Complete | Trainee Initials | Trainer Initials | Certifier Initials | Course   | CDC                | (1)<br>Course      | (2)<br>CDC |
| A3.2. DC POWER SYSTEM<br>TR: Applicable aircraft TOs, 8 series component TOs       |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| *A3.2.1. Operational fundamentals  |               |   |                          |              |                  |                  |                    | B  | B                  | -                  | -          |
| *A3.2.2. Operational check   | *             |   |                          |              |                  |                  |                    | 2b   | -                  | -                  | -          |
| *A3.2.3. Troubleshoot  |               |   |                          |              |                  |                  |                    | 2b   | B                  | -                  | C          |
| A3.2.4. Inspect  |               | * |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.2.5. Remove components  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.2.6. Repair components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.2.7. Install components   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.2.8. Bench check components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.2.9. Components location  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.3. EXTERNAL POWER SYSTEM<br>TR: Applicable aircraft TOs, 8 series component TOs |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| *A3.3.1. Operational fundamentals  |               |   |                          |              |                  |                  |                    | B  | B                  | -                  | -          |
| *A3.3.2. Operational check   | *             |   |                          |              |                  |                  |                    | 2b   | -                  | -                  | -          |
| *A3.3.3. Troubleshoot  |               |   |                          |              |                  |                  |                    | 2b   | B                  | -                  | B          |
| A3.3.4. Inspect  |               | * |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.3.5. Remove components  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.3.5.1. External power receptacle  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.3.5.2. Other system components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.3.6. Repair components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.3.7. Install components   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.3.7.1. External power receptacle  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.3.7.2. Other system components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.3.8. Bench check components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.3.9. Components location  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.3.10. APU power system  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.3.10.1. Operational check   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.3.10.2. Troubleshoot  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.3.10.3. Inspect   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.3.10.4. Remove components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.3.10.5. Repair components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.3.10.6. Install components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.3.11. Apply/Disconnect external electrical power                                | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |

# GENERIC TRAINING REQUIREMENTS

STS 2A6X6, August 2000

| 1. Tasks, Knowledge And Technical References                                 | 2. Core Tasks |   | 3. Certification For OJT |              |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |            |
|--|---------------|---|--------------------------|--------------|------------------|------------------|--------------------|--|--------------------|--------------------|------------|
|  | 5             | 7 | A                        | B            | C                | D                | E                  | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |            |
|  |               |   | Tng Start                | Tng Complete | Trainee Initials | Trainer Initials | Certifier Initials | Course   | CDC                | (1)<br>Course      | (2)<br>CDC |
| A3.4. LIGHTING SYSTEM<br>TR: Applicable aircraft TOs, 8 series component TOs |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.4.1. Operational fundamentals   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| *A3.4.1.1. Interior  |               |   |                          |              |                  |                  |                    | B  | B                  | -                  | -          |
| *A3.4.1.2. Exterior  |               |   |                          |              |                  |                  |                    | B  | B                  | -                  | -          |
| *A3.4.1.3. Emergency   |               |   |                          |              |                  |                  |                    | B  | B                  | -                  | -          |
| A3.4.1.4. Pilot director lights  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.4.1.5. UARRSI/AR receptacle   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.4.1.6. Boom/drogue  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.4.2. Operational check  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| *A3.4.2.1. Interior  | *             |   |                          |              |                  |                  |                    | 2b   | -                  | -                  | -          |
| *A3.4.2.2. Exterior  | *             |   |                          |              |                  |                  |                    | 2b   | -                  | -                  | -          |
| *A3.4.2.3. Emergency   | *             |   |                          |              |                  |                  |                    | 2b   | -                  | -                  | -          |
| A3.4.2.4. Pilot director lights  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.4.2.5. UARRSI/AR receptacle   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.4.2.6. Boom/drogue  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.4.3. Troubleshoot   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.4.3.1. Interior   |               |   |                          |              |                  |                  |                    | 2b   | -                  | -                  | -          |
| A3.4.3.2. Exterior   |               |   |                          |              |                  |                  |                    | 2b   | -                  | -                  | -          |
| A3.4.3.3. Emergency  |               |   |                          |              |                  |                  |                    | 2b   | -                  | -                  | -          |
| A3.4.3.4. Pilot director lights  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.4.3.5. UARRSI/AR receptacle   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.4.3.6. Boom/drogue  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.4.4. Inspect  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.4.4.1. Interior   |               | * |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.4.4.2. Exterior   |               | * |                          |              |                  |                  |                    | -  | -                  | C                  | -          |
| A3.4.4.3. Emergency  |               | * |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.4.4.4. Pilot director lights  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.4.4.5. UARRSI/AR receptacle   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.4.4.6. Boom/drogue  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.4.5. Remove components  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.4.5.1. Interior   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.4.5.2. Exterior   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.4.5.3. Emergency  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.4.5.4. Pilot director lights  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.4.5.5. UARRSI/AR receptacle   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |

# GENERIC TRAINING REQUIREMENTS

STS 2A6X6, August 2000

| 1. Tasks, Knowledge And Technical References                                     | 2. Core Tasks |   | 3. Certification For OJT |              |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |            |
|--|---------------|---|--------------------------|--------------|------------------|------------------|--------------------|--|--------------------|--------------------|------------|
|  | 5             | 7 | A                        | B            | C                | D                | E                  | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |            |
|  |               |   | Tng Start                | Tng Complete | Trainee Initials | Trainer Initials | Certifier Initials | Course   | CDC                | (1)<br>Course      | (2)<br>CDC |
| A3.4.5.6. Boom/drogue  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.4.5.7. Other system components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.4.6. Repair components  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.4.6.1. Navigation/formation   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.4.6.2. Anti-collision   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.4.6.3. Strobe   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.4.6.4. Strobe light power supply  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.4.6.5. Receptacle landing light   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.4.6.6. Emergency exit lights  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.4.6.7. Advisory light assembly  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.4.6.8. Map/chart holder   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.4.6.9. Explosion proof lights   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.4.7. Install components   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.4.7.1. Interior   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.4.7.2. Exterior   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.4.7.3. Emergency  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.4.7.4. Pilot director lights  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.4.7.5. UARRSI/AR receptacle   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.4.7.6. Boom/drogue  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.4.7.7. Other system components  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.4.8. Bench check components   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.4.8.1. Navigation/formation   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.4.8.2. Anti-collision   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.4.8.3. Strobe   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.4.8.4. Strobe light power supply  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.4.8.5. Receptacle landing light   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.4.8.6. Emergency exit lights  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.4.8.7. Advisory light assembly  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.4.8.8. Map/chart holder   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.4.8.9. Explosion proof lights   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.4.9. Components location  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.5. LANDING GEAR SYSTEM<br>TR: Applicable aircraft TOs, 8 series component TOs |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.5.1. Operational fundamentals   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| *A3.5.1.1. Control   |               |   |                          |              |                  |                  |                    | B  | B                  | -                  | -          |
| *A3.5.1.2. Warning and indication  |               |   |                          |              |                  |                  |                    | B  | B                  | -                  | -          |

# GENERIC TRAINING REQUIREMENTS

STS 2A6X6, August 2000

| 1. Tasks, Knowledge And Technical References          | 2. Core Tasks |   | 3. Certification For OJT |              |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |            |
|---|---------------|---|--------------------------|--------------|------------------|------------------|--------------------|--|--------------------|--------------------|------------|
|   | 5             | 7 | A                        | B            | C                | D                | E                  | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |            |
|   |               |   | Tng Start                | Tng Complete | Trainee Initials | Trainer Initials | Certifier Initials | Course   | CDC                | (1)<br>Course      | (2)<br>CDC |
| A3.5.2. Operational check                             |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| *A3.5.2.1. Control                                    |               |   |                          |              |                  |                  |                    | 2b   | -                  | -                  | -          |
| A3.5.2.2. Position a                                  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.5.2.3. Position b                                  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.5.2.4. Position c                                  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| *A3.5.2.5. Warning and indication                     |               |   |                          |              |                  |                  |                    | 2b   | -                  | -                  | -          |
| A3.5.2.6. Interrogate proximity interference unit     |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.5.3. Troubleshoot                                  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| *A3.5.3.1. Control                                    |               | * |                          |              |                  |                  |                    | 2b   | B                  | -                  | C          |
| *A3.5.3.2. Warning and indication                     |               | * |                          |              |                  |                  |                    | 2b   | B                  | -                  | C          |
| A3.5.4. Inspect                                       |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.5.4.1. Control                                     |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.5.4.2. Warning and indication                      |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.5.5. Remove components                             | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.5.6. Repair components                             |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.5.6.1. Landing gear control handle                 |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.5.6.2. Other system components                     |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.5.7. Install components                            | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.5.8. Bench check components                        |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.5.8.1. Landing gear control handle                 |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.5.8.2. Other system components                     |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.5.9. Disconnect/connect MLG jackscrew junction box |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.5.10. Landing gear kneeling system                 |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.5.10.1. Operational fundamentals                   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.5.10.2. Operational check                          |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.5.10.3. Troubleshoot                               |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.5.10.4. Inspect                                    |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.5.10.4.1. Wiring                                   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.5.10.4.2. Other system components                  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.5.10.5. Remove components                          |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.5.10.6. Repair components                          |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.5.10.7. Install components                         |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.5.10.8. Bench check components                     |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.5.10.9. Components location                        |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |

# GENERIC TRAINING REQUIREMENTS

STS 2A6X6, August 2000

| 1. Tasks, Knowledge And Technical References  | 2. Core Tasks |   | 3. Certification For OJT |              |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |            |
|---|---------------|---|--------------------------|--------------|------------------|------------------|--------------------|--|--------------------|--------------------|------------|
|   | 5             | 7 | A                        | B            | C                | D                | E                  | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |            |
|   |               |   | Tng Start                | Tng Complete | Trainee Initials | Trainer Initials | Certifier Initials | Course   | CDC                | (1)<br>Course      | (2)<br>CDC |
| A3.6. ANTI-SKID SYSTEM<br>TR: Applicable aircraft TOs, 8 series component TOs               |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.6.1. Operational fundamentals  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| *A3.6.1.1. Anti-skid system   |               |   |                          |              |                  |                  |                    | B  | B                  | -                  | -          |
| A3.6.1.2. Brake temperature system  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.6.2. Operational check   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| *A3.6.2.1. Anti-skid system   |               |   |                          |              |                  |                  |                    | 2b   | -                  | -                  | -          |
| A3.6.2.2. Brake temperature system  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.6.2.3. Perform interrogation of anti-skid control/brake temperature monitor control unit |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.6.3. Troubleshoot  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| *A3.6.3.1. Anti-skid system   |               | * |                          |              |                  |                  |                    | 2b   | B                  | -                  | -          |
| A3.6.3.2. Brake temperature system  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.6.4. Inspect   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.6.4.1. Anti-skid system  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.6.4.2. Brake temperature system  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.6.5. Remove components   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.6.5.1. Detector and deflation valve assembly   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.6.5.2. Other system components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.6.6. Repair components   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.6.6.1. Anti-skid control box   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.6.6.2. Anti-skid detector  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.6.6.3. Spin-up control box   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.6.6.4. Detector and deflation valve assembly   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.6.7. Install components  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.6.7.1. Detector and deflation valve assembly   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.6.7.2. Other system components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.6.8. Bench check components  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.6.8.1. Anti-skid control box   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.6.8.2. Anti-skid detector  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.6.8.3. Spin-up control box   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.6.8.4. Detector and deflation valve assembly   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.6.9. Components location   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.7. NOSE GEAR STEERING SYSTEM<br>TR: Applicable aircraft TOs, 8 series component TOs      |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| *A3.7.1. Operational fundamentals   |               |   |                          |              |                  |                  |                    | B  | B                  | -                  | -          |



# GENERIC TRAINING REQUIREMENTS

STS 2A6X6, August 2000

| 1. Tasks, Knowledge And Technical References   | 2. Core Tasks |   | 3. Certification For OJT |              |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |            |
|--|---------------|---|--------------------------|--------------|------------------|------------------|--------------------|--|--------------------|--------------------|------------|
|  | 5             | 7 | A                        | B            | C                | D                | E                  | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |            |
|  |               |   | Tng Start                | Tng Complete | Trainee Initials | Trainer Initials | Certifier Initials | Course   | CDC                | (1)<br>Course      | (2)<br>CDC |
| *A3.7.2. Operational check   |               |   |                          |              |                  |                  |                    | 2b   | -                  | -                  | -          |
| *A3.7.3. Troubleshoot  |               |   |                          |              |                  |                  |                    | 2b   | B                  | -                  | -          |
| A3.7.4. Inspect  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.7.5. Remove components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.7.6. Repair components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.7.7. Install components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.7.8. Bench check components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.7.9. Components location  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.8. PRIMARY FLIGHT CONTROL SYSTEM<br>TR: Applicable aircraft TOs, 8 series component TOs   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| *A3.8.1. Operational fundamentals  |               |   |                          |              |                  |                  |                    | B  | B                  | -                  | -          |
| A3.8.2. Operational check  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.8.2.1. Control system   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.8.2.2. Trim/indication system   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.8.3. Troubleshoot   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.8.3.1. Control system   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.8.3.2. Trim/indication system   |               |   |                          |              |                  |                  |                    | -  | B                  | -                  | -          |
| A3.8.4. Inspect  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.8.4.1. Control system   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.8.4.2. Trim/indication system   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.8.5. Remove components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.8.6. Repair components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.8.7. Install components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.8.8. Bench check components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.8.9. Components location  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.8.10. Null transmitters   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.9. SECONDARY FLIGHT CONTROL SYSTEM<br>TR: Applicable aircraft TOs, 8 series component TOs |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| *A3.9.1. Operational fundamentals  |               |   |                          |              |                  |                  |                    | B  | B                  | -                  | -          |
| A3.9.2. Operational check  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| *A3.9.2.1. Flaps   |               |   |                          |              |                  |                  |                    | 2b   | -                  | -                  | -          |
| A3.9.2.2. Pitch trim   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| *A3.9.2.3. Speed brakes  |               |   |                          |              |                  |                  |                    | 2b   | -                  | -                  | -          |
| A3.9.2.4. Other secondary flight control systems   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |

# GENERIC TRAINING REQUIREMENTS

STS 2A6X6, August 2000

| 1. Tasks, Knowledge And Technical References   | 2. Core Tasks |   | 3. Certification For OJT |              |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |            |
|--|---------------|---|--------------------------|--------------|------------------|------------------|--------------------|--|--------------------|--------------------|------------|
|  | 5             | 7 | A                        | B            | C                | D                | E                  | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |            |
|  |               |   | Tng Start                | Tng Complete | Trainee Initials | Trainer Initials | Certifier Initials | Course   | CDC                | (1)<br>Course      | (2)<br>CDC |
| A3.9.3. Troubleshoot   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| *A3.9.3.1. Flaps   |               |   |                          |              |                  |                  |                    | 2b   | B                  | -                  | -          |
| A3.9.3.2. Pitch trim   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| *A3.9.3.3. Speed brakes  |               |   |                          |              |                  |                  |                    | 2b   | B                  | -                  | -          |
| A3.9.3.4. Other secondary flight control systems   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.9.4. Inspect  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.9.5. Remove components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.9.6. Repair components  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.9.6.1. Flap/slat control/proximity box  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.9.6.2. Flap/slat brake  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.9.6.3. Spoiler asymmetry detector assembly  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.9.6.4. Other system components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.9.7. Install components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.9.8. Bench check components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.9.9. Components location  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.9.10. Null transmitters   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.10. OVERHEAT/FIRE WARNING SYSTEM<br>TR: Applicable aircraft TOs, 8 series component TOs |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.10.1. Operational fundamentals  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| *A3.10.1.1. Engine/pylon   |               |   |                          |              |                  |                  |                    | B  | B                  | -                  | -          |
| A3.10.1.2. Smoke detection   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.10.1.3. APU/QSAS/FDCU   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.10.1.4. Bleed air overheat  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.10.2. Operational check   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| *A3.10.2.1. Engine/pylon   | *             |   |                          |              |                  |                  |                    | 2b   | -                  | -                  | -          |
| A3.10.2.2. Smoke detection   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.10.2.3. APU/QSAS/FDCU   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.10.2.4. Wing overheat system  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.10.2.5. Wing overheat system with engine run  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.10.3. Troubleshoot  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| *A3.10.3.1. Engine/pylon   |               | * |                          |              |                  |                  |                    | 2b   | B                  | -                  | -          |
| A3.10.3.2. Smoke detection   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.10.3.3. APU/QSAS/FDCU   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.10.3.4. Wing overheat system  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.10.4. Inspect   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.10.4.1. Engine/pylon  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |

# GENERIC TRAINING REQUIREMENTS

STS 2A6X6, August 2000

| 1. Tasks, Knowledge And Technical References  | 2. Core Tasks |   | 3. Certification For OJT |              |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |            |
|---|---------------|---|--------------------------|--------------|------------------|------------------|--------------------|--|--------------------|--------------------|------------|
|   | 5             | 7 | A                        | B            | C                | D                | E                  | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |            |
|   |               |   | Tng Start                | Tng Complete | Trainee Initials | Trainer Initials | Certifier Initials | Course   | CDC                | (1)<br>Course      | (2)<br>CDC |
| A3.10.4.2. Smoke detection  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.10.4.3. APU/QSAS/FDCU  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.10.4.4. Wing overheat system wiring and components                                   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.10.5. Remove components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.10.5.1. Bleed air overheat sensing elements  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.10.5.2. Bleed air overheat locator relay control box                                 |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.10.5.3. Other system components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.10.6. Repair components  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.10.6.1. Smoke detector   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.10.6.2. Fire/overheat control unit circuit cards                                     |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.10.6.3. Other system components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.10.7. Install components   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.10.7.1. Bleed air overheat sensing elements  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.10.7.2. Bleed air overheat locator relay control box                                 |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.10.7.3. Other system components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.10.8. Bench check components   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.10.8.1. Smoke detector   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.10.8.2. Fire/overheat control unit circuit cards                                     |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.10.8.3. Other system components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.10.9. Components location  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.11. FIRE EXTINGUISHING SYSTEM<br>TR: Applicable aircraft TOs, 8 series component TOs |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.11.1. Operational fundamentals   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| *A3.11.1.1. Engine  |               |   |                          |              |                  |                  |                    | B  | B                  | -                  | -          |
| A3.11.1.2. APU  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.11.1.3. Other fire extinguishing system  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.11.2. Operational/continuity check   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| *A3.11.2.1. Engine  |               |   |                          |              |                  |                  |                    | B  | B                  | -                  | -          |
| A3.11.2.2. APU  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.11.2.3. Squib/cartridge electrical circuit   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.11.2.4. Other fire extinguishing system  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.11.2.5. Perform interrogation of OBBIGS controller                                   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.11.3. Troubleshoot   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| *A3.11.3.1. Engine  |               |   |                          |              |                  |                  |                    | 2b   | B                  | -                  | -          |

Attachment 3

# GENERIC TRAINING REQUIREMENTS

STS 2A6X6, August 2000

| 1. Tasks, Knowledge And Technical References   | 2. Core Tasks |   | 3. Certification For OJT |              |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |            |
|--|---------------|---|--------------------------|--------------|------------------|------------------|--------------------|--|--------------------|--------------------|------------|
|  | 5             | 7 | A                        | B            | C                | D                | E                  | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |            |
|  |               |   | Tng Start                | Tng Complete | Trainee Initials | Trainer Initials | Certifier Initials | Course   | CDC                | (1)<br>Course      | (2)<br>CDC |
| A3.11.3.2. APU   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.12.4. Inspect   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.11.4.1. Fire extinguishing system   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.11.4.2. Engine  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.11.4.3. APU   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.11.5. Remove components   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.11.5.1. Engine fire bottle  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.11.5.2. APU fire bottle   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.11.5.3. Squib/cartridge electrical circuit  |               |   |                          |              |                  |                  |                    | a  | -                  | -                  | -          |
| A3.11.5.4. Other fire extinguishing system   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.11.6. Repair components   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.11.6.1. Engine fire bottle  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.11.6.2. APU fire bottle   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.11.6.3. Other system components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.11.7. Install components  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.11.7.1. Engine fire bottle  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.11.7.2. APU fire bottle   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.11.7.3. Squib/cartridge electrical circuit  |               |   |                          |              |                  |                  |                    | a  | -                  | -                  | -          |
| A3.11.7.4. Other fire extinguishing system   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.11.8. Bench check components  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.11.8.1. Engine  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.11.8.2. APU   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.11.8.3. FSS LN2 valves/regulators   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.11.8.4. LN2 service panes   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.11.8.5. CPU   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.11.8.6. Other system components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.11.9. Components location   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.11.10. Calibrate liquid level sensor signal conditioner                           |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.12. TAKEOFF WARNING SYSTEM<br>TR: Applicable aircraft TOs, 8 series component TOs |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.12.1. Operational fundamentals  |               |   |                          |              |                  |                  |                    | -  | B                  | -                  | -          |
| A3.12.2. Operational check   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.12.3. Troubleshoot  |               |   |                          |              |                  |                  |                    | -  | B                  | -                  | -          |
| A3.12.4. Inspect   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.12.5. Remove components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |

# GENERIC TRAINING REQUIREMENTS

STS 2A6X6, August 2000

| 1. Tasks, Knowledge And Technical References  | 2. Core Tasks |   | 3. Certification For OJT |              |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |            |
|---|---------------|---|--------------------------|--------------|------------------|------------------|--------------------|--|--------------------|--------------------|------------|
|   | 5             | 7 | A                        | B            | C                | D                | E                  | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |            |
|   |               |   | Tng Start                | Tng Complete | Trainee Initials | Trainer Initials | Certifier Initials | Course   | CDC                | (1)<br>Course      | (2)<br>CDC |
| A3.12.6. Repair components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.12.7. Install components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.12.8. Bench check components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.12.9. Components location  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.12.10. Adjust takeoff flap warning position switch   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.13. MASTER CAUTION/WARNING SYSTEM<br>TR: Applicable aircraft TOs, 8 series component TOs   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| *A3.13.1. Operational fundamentals  |               |   |                          |              |                  |                  |                    | B  | B                  | -                  | -          |
| *A3.13.2. Operational check   | *             |   |                          |              |                  |                  |                    | 2b   | -                  | -                  | -          |
| *A3.13.3. Troubleshoot  |               |   |                          |              |                  |                  |                    | 2b   | B                  | -                  | -          |
| A3.13.4. Inspect  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.13.5. Remove components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.13.6. Repair components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.13.7. Install components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.13.8. Bench check components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.14. DOOR CONTROL AND WARNING SYSTEM<br>TR: Applicable aircraft TOs, 8 series component TOs |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.14.1 Cargo Doors   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.14.1.1. Operational fundamentals   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.14.1.1.1. Cargo door control and warning system  |               |   |                          |              |                  |                  |                    | B  | B                  | -                  | -          |
| A3.14.1.1.2. Forward cargo door   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.14.1.1.3. Aft cargo door   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.14.1.1.4. ADS  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.14.1.1.5. Cargo handling/mission system  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.14.1.2. Operational check  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.14.1.2.1. Cargo door control and warning system  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.14.1.2.2. Forward cargo door   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.14.1.2.3. Aft cargo door   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.14.1.2.4. ADS  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.14.1.2.5. Stabilizer support/strut system  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.14.1.2.6. Cargo handling/mission system  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.14.1.2.6.1. Forward load master control panel  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.14.1.2.6.2. Aft load master control panel  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |

# GENERIC TRAINING REQUIREMENTS

STS 2A6X6, August 2000

| 1. Tasks, Knowledge And Technical References            | 2. Core Tasks |   | 3. Certification For OJT |              |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |            |
|---|---------------|---|--------------------------|--------------|------------------|------------------|--------------------|--|--------------------|--------------------|------------|
|   | 5             | 7 | A                        | B            | C                | D                | E                  | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |            |
|   |               |   | Tng Start                | Tng Complete | Trainee Initials | Trainer Initials | Certifier Initials | Course   | CDC                | (1)<br>Course      | (2)<br>CDC |
| A3.14.1.2.7. Cargo winch control/handles                |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.14.1.2.8. Interrogate ADS controller                 |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.14.1.3. Troubleshoot                                 |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.14.1.3.1. Cargo door control and warning system      |               |   |                          |              |                  |                  |                    | b  | B                  | -                  | -          |
| A3.14.1.3.2. Forward cargo door                         |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.14.1.3.3. Aft cargo door                             |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.14.1.3.4. ADS  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.14.1.3.4.1. ADS A-frame actuators                    |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.14.1.3.4.2. Paratroop spoiler doors                  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.14.1.3.4.3. Static line retrievers                   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.14.1.3.4.4. Cargo airdrop release                    |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.14.1.3.4.5. Air deflector                            |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.14.1.3.4.6. Drogue chute deployment system           |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.14.1.3.5. Cargo winch control/handles                |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.14.1.3.6. Stabilizer support/strut system            |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.14.1.4. Inspect                                      |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.14.1.4.1. Cargo door control and warning system      |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.14.1.4.2. Forward cargo door                         |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.14.1.4.3. Aft cargo door                             |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.14.1.4.4. ADS  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.14.1.4.5. Cargo handling/mission system              |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.14.1.4.6. Stabilizer support/strut system            |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.14.1.4.7. Cargo winch system                         |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.14.1.5. Remove components                            |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.14.1.5.1. Drogue chute jettison pyrotechnics devices |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.14.1.5.2. Other system components                    |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.14.1.5.3. Limit/proximity sensors                    |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.14.1.6. Repair components                            |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.14.1.7. Install components                           |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.14.1.7.1. Drogue chute jettison pyrotechnics devices |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.14.1.7.2. Other system components                    |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.14.1.7.3. Limit/proximity sensors                    |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.14.1.8. Bench check components                       |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.14.1.9. Components location                          |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |

# GENERIC TRAINING REQUIREMENTS

STS 2A6X6, August 2000

| 1. Tasks, Knowledge And Technical References  | 2. Core Tasks |   | 3. Certification For OJT |              |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |            |
|---|---------------|---|--------------------------|--------------|------------------|------------------|--------------------|--|--------------------|--------------------|------------|
|   | 5             | 7 | A                        | B            | C                | D                | E                  | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |            |
|   |               |   | Tng Start                | Tng Complete | Trainee Initials | Trainer Initials | Certifier Initials | Course   | CDC                | (1)<br>Course      | (2)<br>CDC |
| A3.14.2 Weapons doors   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.14.2.1 Operational fundamentals  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.14.2.2. Operational check  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.14.2.3 Troubleshoot  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.14.2.4 Inspect   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.14.2.5 Remove components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.14.2.6 Install components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.15. FUEL WARNING AND CONTROL SYSTEM<br>TR: Applicable aircraft TOs, 8 series component TOs                   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.15.1. Operational fundamentals   |               |   |                          |              |                  |                  |                    | -  | B                  | -                  | -          |
| A3.15.2. Operational check  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.15.2.1. Fuel warning and control system  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.15.2.2. Inflight refueling (IFR)/Universal aerial refueling receptacle slip way installation (UARRSI) system |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.15.2.3. Ground refuel system   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.15.2.4. Drogue jettison  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.15.2.5. Interrogate fuel control unit (FCU)  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.15.2.6. Boom/Drogue systems  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.15.3. Troubleshoot   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.15.3.1. Fuel warning and control system  |               |   |                          |              |                  |                  |                    | -  | B                  | -                  | -          |
| A3.15.3.2. Inflight refueling (IFR)/Universal aerial refueling receptacle slipaway installation (UARRSI) system |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.15.3.3. Ground refuel system   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.15.3.4. Drogue jettison  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.15.3.5. Boom/Drogue systems  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.15.4. Inspect  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.15.4.1. Boom/Drogue systems  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.15.4.2. Other fuel systems   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.15.5. Remove components  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.15.5.1. Boom/Drogue systems components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.15.5.2. Other fuel systems components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.15.6. Repair components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.15.7. Install components   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.15.7.1. Boom/Drogue systems components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.15.7.2. Other fuel systems components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |

# GENERIC TRAINING REQUIREMENTS

STS 2A6X6, August 2000

| 1. Tasks, Knowledge And Technical References  | 2. Core Tasks |   | 3. Certification For OJT |              |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |            |
|---|---------------|---|--------------------------|--------------|------------------|------------------|--------------------|--|--------------------|--------------------|------------|
|   | 5             | 7 | A                        | B            | C                | D                | E                  | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |            |
|   |               |   | Tng Start                | Tng Complete | Trainee Initials | Trainer Initials | Certifier Initials | Course   | CDC                | (1)<br>Course      | (2)<br>CDC |
| A3.15.8. Bench check components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.15.9. Components location  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.16. START AND IGNITION SYSTEM<br>TR: Applicable aircraft TOs, 8 series component TOs |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.16.1. Operational fundamentals   |               |   |                          |              |                  |                  |                    | -  | B                  | -                  | -          |
| A3.16.2. Operational check  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.16.2.1. Jet engine   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.16.2.2. APU/QSAS   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.16.2.3. Thrust reverse harness   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.16.2.4. Fuel boost pump scroll housing   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.16.3. Troubleshoot   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.16.3.1 Jet Engine system   |               |   |                          |              |                  |                  |                    | -  | B                  | -                  | -          |
| A3.16.3.2 Auxiliary power unit system   |               |   |                          |              |                  |                  |                    | -  | B                  | -                  | -          |
| A3.16.4. Inspect  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.16.5. Remove components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.16.6. Repair components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.16.7. Install components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.16.8. Bench check components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.16.9. Components location  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.17. NESA ANTI-ICING SYSTEM<br>TR: Applicable aircraft TOs, 8 series component TOs    |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| *A3.17.1. Operational fundamentals  |               |   |                          |              |                  |                  |                    | B  | B                  | -                  | -          |
| *A3.17.2. Operational check   |               |   |                          |              |                  |                  |                    | 2b   | -                  | -                  | -          |
| *A3.17.3. Troubleshoot  |               |   |                          |              |                  |                  |                    | 2b   | B                  | -                  | -          |
| A3.17.4. Inspect  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.17.5. Remove components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.17.6. Repair components  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.17.6.1. Windshield heat control boxes  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.17.6.2. Temperature controller   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.17.6.3. Other system components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.17.7. Install components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.17.8. Bench check components   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.17.8.1. Windshield heat control boxes  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.17.8.2. Temperature controller   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.17.8.3. Other system components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.17.9. Components location  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |



# GENERIC TRAINING REQUIREMENTS

STS 2A6X6, August 2000

| 1. Tasks, Knowledge And Technical References  | 2. Core Tasks |   | 3. Certification For OJT |              |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |            |
|---|---------------|---|--------------------------|--------------|------------------|------------------|--------------------|--|--------------------|--------------------|------------|
|   | 5             | 7 | A                        | B            | C                | D                | E                  | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |            |
|   |               |   | Tng Start                | Tng Complete | Trainee Initials | Trainer Initials | Certifier Initials | Course   | CDC                | (1)<br>Course      | (2)<br>CDC |
| A3.18. BLEED AIR DISTRIBUTION SYSTEM<br>TR: Applicable aircraft TOs, 8 series component TOs |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.18.1. Operational fundamentals   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| *A3.18.1.1. Bleed air system  |               |   |                          |              |                  |                  |                    | B  | B                  | -                  | -          |
| A3.18.1.2. Cargo floor/ramp heat/overheat   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.18.2. Operational check  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| *A3.18.2.1. Bleed air system  |               |   |                          |              |                  |                  |                    | 2b   | -                  | -                  | -          |
| A3.18.2.2. Cargo floor/ramp heat/overheat   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.18.2.3. Interrogate/operational check manifold failure detection control/system (MFDC)   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.18.3. Troubleshoot   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| *A3.18.3.1. Bleed air system  |               | * |                          |              |                  |                  |                    | 2b   | B                  | -                  | C          |
| A3.18.3.2. Cargo floor/ramp heat/overheat   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.18.4. Inspect  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.18.4.1. Bleed air system   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.18.4.2. Cargo floor/ramp heat/overheat   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.18.5. Remove components  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.18.5.1. Ducts  |               |   |                          |              |                  |                  |                    | 2b   | -                  | -                  | -          |
| A3.18.5.2. Other system components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.18.6. Repair components  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.18.6.1. Use duct reflanging/reforming tool   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.18.6.2. Other system components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.18.7. Install components   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.18.7.1. Ducts  |               |   |                          |              |                  |                  |                    | 2b   | -                  | -                  | -          |
| A3.18.7.2. Other system components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| *A3.18.8. Perform leakage checks  | *             |   |                          |              |                  |                  |                    | 2b   | B                  | -                  | -          |
| A3.18.9. Perform leak check with nitrogen cart  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.18.10. Bench check components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.18.11. Components location   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.19. AIR CONDITIONING SYSTEM<br>TR: Applicable aircraft TOs, 8 series component TOs       |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| *A3.19.1. Operational fundamentals  |               |   |                          |              |                  |                  |                    | B  | B                  | -                  | -          |
| A3.19.2. Subsystem fundamentals   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| *A3.19.2.1. Anti-G suit system  |               |   |                          |              |                  |                  |                    | B  | B                  | -                  | -          |
| *A3.19.2.2. Defogging system  |               |   |                          |              |                  |                  |                    | B  | B                  | -                  | -          |
| *A3.19.2.3. Rain removal system   |               |   |                          |              |                  |                  |                    | B  | B                  | -                  | -          |

# GENERIC TRAINING REQUIREMENTS

STS 2A6X6, August 2000

| 1. Tasks, Knowledge And Technical References  | 2. Core Tasks |   | 3. Certification For OJT |              |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |            |
|---|---------------|---|--------------------------|--------------|------------------|------------------|--------------------|--|--------------------|--------------------|------------|
|   | 5             | 7 | A                        | B            | C                | D                | E                  | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |            |
|   |               |   | Tng Start                | Tng Complete | Trainee Initials | Trainer Initials | Certifier Initials | Course   | CDC                | (1)<br>Course      | (2)<br>CDC |
| *A3.19.2.4. Bleed air anti-icing system   |               |   |                          |              |                  |                  |                    | B  | B                  | -                  | -          |
| A3.19.2.5. Primary heat exchanger overheat  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.19.2.6. Secondary heat exchanger overheat  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.19.2.7. Temperature control  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.19.2.8. Low limit 35°control   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.19.2.9. Avionics/equipment cooling   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.19.2.10. Ram air   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.19.3. Operational check  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.19.3.1. Interrogate environmental control system controller                      |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| *A3.19.3.2. Other air conditioning systems  |               |   |                          |              |                  |                  |                    | 2b   | -                  | -                  | -          |
| *A3.19.4. Troubleshoot  |               | * |                          |              |                  |                  |                    | 2b   | B                  | -                  | C          |
| A3.19.5. Inspect  |               |   |                          |              |                  |                  |                    | -  | -                  | C                  | -          |
| A3.19.6. Remove components  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.19.6.1. Water separator coalescer  | *             |   |                          |              |                  |                  |                    | 2b   | -                  | -                  | -          |
| A3.19.6.2. Air conditioning pack  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.19.6.3. Other system components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.19.7. Repair components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.19.8. Install components   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.19.8.1. Water separator coalescer  | *             |   |                          |              |                  |                  |                    | 2b   | -                  | -                  | -          |
| A3.19.8.2. Air conditioning pack  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.19.8.3. Other system components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| *A3.19.9. Perform leakage checks  | *             |   |                          |              |                  |                  |                    | 1b   | B                  | -                  | -          |
| A3.19.10 Bench check components   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.19.10.1. Air conditioning temperature control boxes                              |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.19.10.2. Air conditioning fan/sensor/thermostat                                  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.19.10.3. Cooling exit door   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.19.10.4. Valves  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.19.10.5. Recirculation/electric/electronic cooling/vanaxial fan                  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.19.11. Components location   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.20. PRESSURIZATION SYSTEM<br>TR: Applicable aircraft TOs, 8 series component TOs |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.20.1. Operational fundamentals   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| *A3.20.1.1. Aircraft pressurization system  |               |   |                          |              |                  |                  |                    | B  | B                  | -                  | -          |
| *A3.20.1.2. Canopy seal system  |               |   |                          |              |                  |                  |                    | B  | B                  | -                  | -          |

# GENERIC TRAINING REQUIREMENTS

STS 2A6X6, August 2000

| 1. Tasks, Knowledge And Technical References  | 2. Core Tasks |   | 3. Certification For OJT |              |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |            |
|---|---------------|---|--------------------------|--------------|------------------|------------------|--------------------|--|--------------------|--------------------|------------|
|   | 5             | 7 | A                        | B            | C                | D                | E                  | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |            |
|   |               |   | Tng Start                | Tng Complete | Trainee Initials | Trainer Initials | Certifier Initials | Course   | CDC                | (1)<br>Course      | (2)<br>CDC |
| A3.20.2. Operational check  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| *A3.20.2.1. Pressurization system   |               |   |                          |              |                  |                  |                    | 2b   | -                  | -                  | -          |
| A3.20.2.2. Canopy seal system   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.20.2.3. Perform built in test (BITE) of automatic pressurization system  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.20.2.4. Interrogate cabin pressure controller  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| *A3.20.3. Troubleshoot  |               | * |                          |              |                  |                  |                    | 2b   | B                  | -                  | C          |
| A3.20.4. Inspect  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.20.5. Remove components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.20.6. Repair components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.20.7. Install components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.20.8. Bench check components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.20.9. Components location  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.20.10. Rig outflow valve   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.21. LIQUID COOLANT SYSTEM<br>TR: Applicable aircraft TOs, 8 series component TOs                                 |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| *A3.21.1. Operational fundamentals  |               |   |                          |              |                  |                  |                    | B  | B                  | -                  | -          |
| A3.21.2. Troubleshoot   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.21.3. Inspect  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.21.4. Remove components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.21.5. Repair components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.21.6. Install components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.21.7. Bench check components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.21.8. Refrigerant recovery   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.22. OXYGEN SYSTEMS<br>TR: AFOSH standards; TOs 15X1-1, 42E1-1-1, applicable aircraft TOs, 8 series component TOs |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.22.1. Liquid oxygen system   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| *A3.22.1.1. Operational fundamentals  |               |   |                          |              |                  |                  |                    | B  | B                  | -                  | -          |
| A3.22.1.2. Operational check  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| *A3.22.1.2.1. Crew  | *             |   |                          |              |                  |                  |                    | 2b   | -                  | -                  | -          |
| A3.22.1.2.2. Passenger/troop  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.22.1.2.3. Therapeutic  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.22.1.2.4. Emergency  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| *A3.22.1.2.5. LOX indicating  |               |   |                          |              |                  |                  |                    | 2b   | -                  | -                  | -          |
| A3.22.1.3. Troubleshoot   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| *A3.22.1.3.1. Crew  |               |   |                          |              |                  |                  |                    | 2b   | -                  | -                  | -          |

Attachment 3

# GENERIC TRAINING REQUIREMENTS

STS 2A6X6, August 2000

| 1. Tasks, Knowledge And Technical References        | 2. Core Tasks |   | 3. Certification For OJT |              |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |            |
|---|---------------|---|--------------------------|--------------|------------------|------------------|--------------------|--|--------------------|--------------------|------------|
|   | 5             | 7 | A                        | B            | C                | D                | E                  | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |            |
|   |               |   | Tng Start                | Tng Complete | Trainee Initials | Trainer Initials | Certifier Initials | Course   | CDC                | (1)<br>Course      | (2)<br>CDC |
| A3.22.1.3.2. Passenger/troop                        |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.22.1.3.3. Therapeutic                            |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.22.1.3.4. Emergency                              |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.22.1.3.5. LOX indicating                         |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.22.1.4. Inspect                                  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.22.1.4.1. Crew                                   |               | * |                          |              |                  |                  |                    | -  | B                  | C                  | -          |
| A3.22.1.4.2. Passenger/troop                        |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.22.1.4.3. Therapeutic                            |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.22.1.4.4. Emergency                              |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.22.1.4.5. LOX indicating                         |               | * |                          |              |                  |                  |                    | -  | B                  | -                  | -          |
| *A3.22.1.5. Purge system                            | *             |   |                          |              |                  |                  |                    | 1b   | B                  | -                  | -          |
| A3.22.1.6. Remove components                        |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| *A3.22.1.6.1. Oxygen regulator                      | *             |   |                          |              |                  |                  |                    | 2b   | B                  | -                  | -          |
| A3.22.1.6.2. Other system components                |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.22.1.7. Repair components                        |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.22.1.8. Install components                       |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| *A3.22.1.8.1. Oxygen regulator                      | *             |   |                          |              |                  |                  |                    | 2b   | B                  | -                  | -          |
| A3.22.1.8.2. Other system components                |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| *A3.22.1.9. Perform leak check                      |               |   |                          |              |                  |                  |                    | 2b   | B                  | -                  | -          |
| A3.22.1.10. Clean components                        | *             |   |                          |              |                  |                  |                    | B  | -                  | -                  | -          |
| A3.22.1.11. Procedures for cleaning components      |               |   |                          |              |                  |                  |                    | -  | -                  | B                  | -          |
| A3.22.1.12. Bench check components                  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.22.1.13. Drain system                            |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.22.1.14. Service system                          |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.22.2. Gaseous oxygen system                      |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| *A3.22.2.1. Operational fundamentals                |               |   |                          |              |                  |                  |                    | B  | B                  | -                  | -          |
| A3.22.2.2. Operational check                        |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.22.2.2.1. Portable oxygen cylinder and regulator |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.22.2.2.2. Check of manual shutoff valve          |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.22.2.2.3. Other systems                          |               |   |                          |              |                  |                  |                    | 2b   | -                  | -                  | -          |
| A3.22.2.3. Troubleshoot                             |               |   |                          |              |                  |                  |                    | 2b   | B                  | -                  | -          |
| A3.22.2.4. Inspect                                  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.22.2.4.1. Oxygen walk around bottle              |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.22.2.4.2. Other system components                |               |   |                          |              |                  |                  |                    | -  | B                  | -                  | -          |
| A3.22.2.5. Purge system                             |               |   |                          |              |                  |                  |                    | -  | B                  | -                  | -          |
| A3.22.2.6. Remove components                        |               |   |                          |              |                  |                  |                    | -  | B                  | -                  | -          |

# GENERIC TRAINING REQUIREMENTS

STS 2A6X6, August 2000

| 1. Tasks, Knowledge And Technical References   | 2. Core Tasks |   | 3. Certification For OJT |              |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |         |
|--|---------------|---|--------------------------|--------------|------------------|------------------|--------------------|--|--------------------|--------------------|---------|
|  | 5             | 7 | A                        | B            | C                | D                | E                  | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |         |
|  |               |   | Tng Start                | Tng Complete | Trainee Initials | Trainer Initials | Certifier Initials | Course   | CDC                | (1) Course         | (2) CDC |
| A3.22.2.7. Install components  |               |   |                          |              |                  |                  |                    | -  | B                  | -                  | -       |
| A3.22.2.8. Perform leak check  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A3.22.2.9. Clean components  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A3.22.2.10. Bench check components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A3.22.2.11. Drain system   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A3.22.2.12. Service system   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A3.22.2.13. Repair portable oxygen cylinder and regulator  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A3.22.2.14. Pack pressure/lavatory oxygen mask   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A3.22.3. Self-generating oxygen system   |               |   |                          |              |                  |                  |                    |  |                    |                    |         |
| *A3.22.3.1. Operational fundamentals   |               |   |                          |              |                  |                  |                    | B  | B                  | -                  | -       |
| A3.22.3.2. Operational check   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A3.22.3.3. Troubleshoot  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A3.22.3.4. Inspect   |               | * |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A3.22.3.5. Purge system  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A3.22.3.6. Remove components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A3.22.3.7. Install components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A3.22.3.8. Perform leak check  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A3.22.3.9. Clean components  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A3.22.3.10. Bench check components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A3.22.4. Components location   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A3.23. LIFE RAFT INFLATION EQUIPMENT<br>TR: AFOSH standards; TO 14S1 series,<br>8 series component TOs |               |   |                          |              |                  |                  |                    |  |                    |                    |         |
| A3.23.1. Operational fundamentals  |               |   |                          |              |                  |                  |                    |  |                    |                    |         |
| A3.23.2. Life raft inflation equipment   |               |   |                          |              |                  |                  |                    | -  | B                  | -                  | -       |
| A3.23.3. Slide inflation equipment   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A3.23.4. Flotation equipment deployment system (FEDS)  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A3.23.5. Ramp escape blowdown  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A3.23.6. Service   |               |   |                          |              |                  |                  |                    | -  | B                  | -                  | -       |
| A3.23.7. Inspect   |               |   |                          |              |                  |                  |                    |  |                    |                    |         |
| A3.23.7.1. Life raft inflation equipment   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A3.23.7.2. Flotation equipment deployment system (FEDS)  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A3.23.7.3. Ramp escape blowdown  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A3.23.7.4. Life raft inflation cylinder recharging equipment   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A3.23.7.5. Hydrostatic test stand  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |

Attachment 3

# GENERIC TRAINING REQUIREMENTS

STS 2A6X6, August 2000

| 1. Tasks, Knowledge And Technical References   | 2. Core Tasks |   | 3. Certification For OJT |              |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |            |
|--|---------------|---|--------------------------|--------------|------------------|------------------|--------------------|--|--------------------|--------------------|------------|
|  | 5             | 7 | A                        | B            | C                | D                | E                  | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |            |
|  |               |   | Tng Start                | Tng Complete | Trainee Initials | Trainer Initials | Certifier Initials | Course   | CDC                | (1)<br>Course      | (2)<br>CDC |
| A3.23.7.6. Thermal flash/protection power sources  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.23.8. Troubleshoot/Repair   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.23.8.1. Life raft   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.23.8.2. Flotation equipment deployment system (FEDS)  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.23.8.3. Ramp escape blowdown  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.23.9. Remove  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.23.9.1. Port manifold   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.23.9.2. Flotation equipment deployment system initiator                                       |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.23.9.3. Flotation equipment deployment system retractor                                       |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.23.9.4. Shielding mild detonating cord  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.23.9.5. Thermal flash/protection power conditioner  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.23.10. Install  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.23.10.1. Port manifold  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.23.10.2. Thermal flash/protection power conditioner   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.23.10.3. Flotation equipment deployment system initiator                                      |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.23.10.4. Flotation equipment deployment system retractor                                      |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.23.10.5. Shielding mild detonating cord   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.23.11. Bench check slide/raft bottles and components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.23.12. Service/leak check slide/raft bottles  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.23.13. Perform operational check  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.23.13.1. Deployment system  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.23.13.2. Ramp blowdown  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.23.14. Calculate and record expansion rates of hydrostatic test                               |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.24. MISCELLANEOUS SYSTEMS<br>TR: Applicable aircraft/equipment TOs,<br>8 series component TOs |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.24.1. Operational fundamentals  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.24.1.1. Windshield/wiper  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.24.1.2. Wing/VHF antenna anti-ice   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.24.1.3. Cowl/engine anti-ice  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.24.1.4. De-icing protection   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |

# GENERIC TRAINING REQUIREMENTS

STS 2A6X6, August 2000

| 1. Tasks, Knowledge And Technical References         | 2. Core Tasks |   | 3. Certification For OJT |              |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |            |
|--|---------------|---|--------------------------|--------------|------------------|------------------|--------------------|--|--------------------|--------------------|------------|
|  | 5             | 7 | A                        | B            | C                | D                | E                  | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |            |
|  |               |   | Tng Start                | Tng Complete | Trainee Initials | Trainer Initials | Certifier Initials | Course   | CDC                | (1)<br>Course      | (2)<br>CDC |
| A3.24.2. Operational check                           |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.24.2.1. Windshield/wiper                          |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.24.2.2. Wing/VHF antenna anti-ice                 |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.24.2.3. Cowl/engine anti-ice                      |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.24.2.4. De-icing protection                       |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.24.3. Troubleshoot                                |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.24.3.1. Windshield/wiper                          |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.24.3.2. Wing/VHF antenna anti-ice                 |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.24.3.3. Cowl/engine anti-ice                      |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.24.3.4. De-icing protection                       |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.24.4. Inspect                                     |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.24.4.1. Windshield/wiper                          |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.24.4.2. Wing/VHF antenna anti-ice                 |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.24.4.3. Cowl/engine anti-ice                      |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.24.5. Galley/buffet                               |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.24.5.1. Bench check/repair                        |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.24.5.2. Troubleshoot/operational check            |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.24.5.3. Inspect                                   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.24.6. Ovens                                       |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.24.6.1. Bench check/repair                        |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.24.6.2. Troubleshoot/operational check            |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.24.6.3. Inspect                                   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.24.7. Refrigeration system                        |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.24.7.1. Operate freon recovery unit               |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.24.7.2. Bench check/repair                        |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.24.7.3. Service                                   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.24.7.4. Troubleshoot/operational check            |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.24.8. Coffee brewers                              |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.24.8.1. Bench check/repair                        |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.24.8.2. Inspect                                   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.24.8.3. Troubleshoot/operational check            |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.24.9. Hydraulic control/indication warning system |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.24.9.1. Bench check/repair                        |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.24.9.2. Inspect                                   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.24.9.3. Troubleshoot/operational check            |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |

# GENERIC TRAINING REQUIREMENTS

STS 2A6X6, August 2000

| 1. Tasks, Knowledge And Technical References                   | 2. Core Tasks |   | 3. Certification For OJT |              |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |            |
|--|---------------|---|--------------------------|--------------|------------------|------------------|--------------------|--|--------------------|--------------------|------------|
|  | 5             | 7 | A                        | B            | C                | D                | E                  | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |            |
|  |               |   | Tng Start                | Tng Complete | Trainee Initials | Trainer Initials | Certifier Initials | Course   | CDC                | (1)<br>Course      | (2)<br>CDC |
| A3.24.10. Ram air turbine                                      |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.24.10.1. Bench check/repair                                 |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.24.10.2. Inspect  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.24.10.3. Troubleshoot/operational check                     |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.24.11. Air turbine motor                                    |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.24.11.1. Bench check/repair                                 |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.24.11.2. Inspect  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.24.11.3. Troubleshoot/operational check                     |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.24.11.4. Drain and service oil                              |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.24.11.5. Remove and install                                 |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.24.11.5.1. ATM  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.24.11.5.2. Filter   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.24.11.5.3. Shutoff valve                                    |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.24.11.5.4. Modulation valve                                 |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.24.11.5.5. Cooling fan                                      |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.24.12. Operate malfunction display/mission computer display |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.24.13. Troubleshoot interrogation system                    |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.24.14. Operational check/troubleshoot water/waste system    |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.24.14.1. Electric water heater                              |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.24.14.2. Water disposal system                              |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.24.14.3. Remove/inspect distribution line components        |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.24.15. Remove/install                                       |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A3.24.15.1. Water temperature control components               |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.24.15.2. Water supply servicing and indicating components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.24.15.3. Water storage components                           |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.24.15.4. Pressure switches                                  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.24.15.5. Filters  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.24.15.6. Valves   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.24.15.7. Heaters  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.24.15.8. Cooler   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.24.15.9. Indicators   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.24.15.10. Quantity logic unit                               |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.24.15.11. Transmitters                                      |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A3.24.15.12. Regulators  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |



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| 1. Tasks, Knowledge And Technical References                  | 2. Core Tasks |   | 3. Certification For OJT |              |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |         |
|---|---------------|---|--------------------------|--------------|------------------|------------------|--------------------|--|--------------------|--------------------|---------|
|   | 5             | 7 | A                        | B            | C                | D                | E                  | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |         |
|   |               |   | Tng Start                | Tng Complete | Trainee Initials | Trainer Initials | Certifier Initials | Course   | CDC                | (1) Course         | (2) CDC |
| A3.24.15.13. Air booster compressor                           |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A3.24.15.14. Motor/pump filter unit                           |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A3.24.16. Actuators   |               |   |                          |              |                  |                  |                    |  |                    |                    |         |
| A3.24.16.1. Operational/bench check                           |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A3.24.16.2. Troubleshoot/repair                               |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A3.24.16.3. Inspect   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A3.24.17. Vacuum pump/medical vacuum system                   |               |   |                          |              |                  |                  |                    |  |                    |                    |         |
| A3.24.17.1. Operational fundamentals                          |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A3.24.17.2. Perform operational check                         |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A3.24.17.3. Troubleshoot                                      |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A3.24.17.4. Remove/install/repair                             |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A3.24.17.5. Inspect   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A3.24.18. Aircrew eye respiratory protection system (AERP)    |               |   |                          |              |                  |                  |                    |  |                    |                    |         |
| A3.24.18.1. Operational fundamentals                          |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A3.24.18.2. Testing AEPR blower connection                    |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A3.24.18.3. Remove/install system components                  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A3.24.18.4. Inspect   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A3.24.19 Engine thrust reverse indicating system              |               |   |                          |              |                  |                  |                    |  |                    |                    |         |
| A3.24.19.1 Operational fundamentals                           |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A3.24.19.2 Perform operational check                          |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A3.24.19.3 Troubleshoot                                       |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A3.24.19.4 Remove/install/repair                              |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A3.24.19.5 Inspect  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A3.25. OBIGGS<br>TR: Applicable aircraft TOs, 8 series compon |               |   |                          |              |                  |                  |                    |  |                    |                    |         |
| A3.25.1. Operational fundamentals                             |               |   |                          |              |                  |                  |                    |  |                    |                    |         |
| A3.25.1.1. OBIGGS distribution                                |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A3.25.1.2. OBIGGS indication                                  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A3.25.1.3. OBIGGS overheat                                    |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A3.25.2. Operational check                                    |               |   |                          |              |                  |                  |                    |  |                    |                    |         |
| A3.25.2.1. OBIGGS distribution                                |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A3.25.2.2. OBIGGS indication                                  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A3.25.2.3. OBIGGS overheat                                    |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A3.25.3. Troubleshoot   |               |   |                          |              |                  |                  |                    |  |                    |                    |         |
| A3.25.3.1. OBIGGS distribution                                |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A3.25.3.2. OBIGGS indication                                  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |

## STS 2A6X6, August 2000

Attachment 3

# F-16 TRAINING REQUIREMENTS

STS 2A6X6, August 2000

| 1. Tasks, Knowledge And Technical References | 2. Core Tasks |   | 3. Certification For OJT |              |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |            |
|--|---------------|---|--------------------------|--------------|------------------|------------------|--------------------|--|--------------------|--------------------|------------|
|  | 5             | 7 | A                        | B            | C                | D                | E                  | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |            |
|  |               |   | Tng Start                | Tng Complete | Trainee Initials | Trainer Initials | Certifier Initials | Course   | CDC                | (1)<br>Course      | (2)<br>CDC |

## ATTACHMENT 4

NOTE 1: In addition to attachment 2, the tasks and knowledge in attachment 4 will be performed by assigned to maintain F-16 aircraft

NOTE 2: Users are responsible for annotating training references to identify current references pending STS revision.

NOTE 3: Items marked in columns 2a or 2b marked with a (\*R) are optional core tasks for ANG and AFRC.

NOTE 4: Address comments and recommended changes through the MAJCOM Functional Managers to the AETC Training Manager, DSN 736-2772.

|  |   |   |  |  |  |  |  |   |   |   |   |
|--|---|---|--|--|--|--|--|---|---|---|---|
| A4.1. METERS AND TESTERS<br>TR: Applicable 33 series TOs                 |   |   |  |  |  |  |  |   |   |   |   |
| A4.1.1. Use ECS tester   |   |   |  |  |  |  |  | - | - | - | - |
| A4.1.2. Use sonic leak detector  |   |   |  |  |  |  |  | - | - | - | - |
| A4.1.3. Use cockpit cabin pressure leakage tester                        |   |   |  |  |  |  |  | - | - | - | - |
| A4.1.4. Use anti-skid tester   |   |   |  |  |  |  |  | - | - | - | - |
| A4.1.5. Use bonding meter  |   |   |  |  |  |  |  | - | - | - | - |
| A4.1.6. Use USM-128  |   |   |  |  |  |  |  | - | - | - | - |
| A4.2. AC POWER SYSTEM<br>TR: Applicable F-16 TOs, 8 series component TOs |   |   |  |  |  |  |  |   |   |   |   |
| A4.2.1. Operational fundamentals   |   |   |  |  |  |  |  | - | - | - | - |
| A4.2.2. Operational check  | * |   |  |  |  |  |  | - | - | - | - |
| A4.2.3. Troubleshoot   |   |   |  |  |  |  |  | - | - | - | - |
| A4.2.4. Inspect  |   | * |  |  |  |  |  | - | - | - | - |
| A4.2.5. Remove components  |   |   |  |  |  |  |  |   |   |   |   |
| A4.2.5.1. IDG  | * |   |  |  |  |  |  | - | - | - | - |
| A4.2.5.2. GCU  | * |   |  |  |  |  |  | - | - | - | - |
| A4.2.5.3. Other system components  |   |   |  |  |  |  |  | - | - | - | - |
| A4.2.6. Repair components  |   |   |  |  |  |  |  | - | - | - | - |
| A4.2.7. Install components   |   |   |  |  |  |  |  |   |   |   |   |
| A4.2.7.1. IDG  | * |   |  |  |  |  |  | - | - | - | - |
| A4.2.7.2. GCU  | * |   |  |  |  |  |  | - | - | - | - |
| A4.2.7.3. Other system components  |   |   |  |  |  |  |  | - | - | - | - |
| A4.2.8. Component location   |   |   |  |  |  |  |  | - | - | - | - |
| A4.2.9. Bench check components   |   |   |  |  |  |  |  | - | - | - | - |
| A4.3. DC POWER SYSTEM<br>TR: Applicable F-16 TOs, 8 series component TOs |   |   |  |  |  |  |  |   |   |   |   |
| A4.3.1. Operational fundamentals   |   |   |  |  |  |  |  | - | - | - | - |
| A4.3.2. Operational check  | * |   |  |  |  |  |  | - | - | - | - |
| A4.3.3. DC power generation operational check                            |   |   |  |  |  |  |  | - | - | - | - |
| A4.3.4. Troubleshoot   |   |   |  |  |  |  |  | - | - | - | - |

## F-16 TRAINING REQUIREMENTS

STS 2A6X6, August 2000

| 1. Tasks, Knowledge And Technical References                                   | 2. Core Tasks |   | 3. Certification For OJT |              |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |            |
|--|---------------|---|--------------------------|--------------|------------------|------------------|--------------------|--|--------------------|--------------------|------------|
|  | 5             | 7 | A                        | B            | C                | D                | E                  | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |            |
|  |               |   | Tng Start                | Tng Complete | Trainee Initials | Trainer Initials | Certifier Initials | Course   | CDC                | (1)<br>Course      | (2)<br>CDC |
| A4.3.5. Inspect  |               | * |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.3.6. Remove components  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.3.7. Repair components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.3.8. Install components   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.3.9. Component location   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.3.10. Bench check components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.4. EMERGENCY POWER UNIT<br>TR: Applicable F-16 TOs, 8 series component TOs  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A4.4.1. Operational fundamentals   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.4.2. Operational check  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.4.3. Troubleshoot   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.4.4. Inspect  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.4.5. Remove components  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A4.4.5.1. EPU controller   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.4.5.2. Other system components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.4.6. Repair components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.4.7. Install components   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A4.4.7.1 EPU controller  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.4.7.2 Other system components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.4.8. EPU safety   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.4.9. Hydrazine safety   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.4.10. Component location  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.5. EXTERNAL POWER SYSTEM<br>TR: Applicable F-16 TOs, 8 series component TOs |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A4.5.1. Operational fundamentals   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.5.2. Operational check  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.5.3. Apply external power   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.5.4. Troubleshoot   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.5.5. Inspect  |               | * |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.5.6. Remove components  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.5.7. Repair components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.5.8. Install components   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.5.9. Component location   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.5.10. Bench check components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |

# F-16 TRAINING REQUIREMENTS

STS 2A6X6, August 2000

| 1. Tasks, Knowledge And Technical References                                 | 2. Core Tasks |   | 3. Certification For OJT |              |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |            |
|--|---------------|---|--------------------------|--------------|------------------|------------------|--------------------|--|--------------------|--------------------|------------|
|  | 5             | 7 | A                        | B            | C                | D                | E                  | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |            |
|  |               |   | Tng Start                | Tng Complete | Trainee Initials | Trainer Initials | Certifier Initials | Course   | CDC                | (1)<br>Course      | (2)<br>CDC |
| A4.6. LIGHTING SYSTEM<br>TR: Applicable F-16 TOs, 8 series component TOs     |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A4.6.1. Operational fundamentals   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.6.2. Operational check  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.6.3. Troubleshoot   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.6.4. Inspect  |               | * |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.6.5. Remove components  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.6.6. Repair components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.6.7. Install components   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.6.8. Component location   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.6.9. Bench check components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.7. LANDING GEAR SYSTEM<br>TR: Applicable F-16 TOs, 8 series component TOs |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A4.7.1. Operational fundamentals   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.7.2. Operational check  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.7.3. Troubleshoot   |               | * |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.7.4. Inspect  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.7.5. Remove components  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.7.6. Repair components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.7.7. Install components   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.7.8. Component location   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.7.9. Bench check components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.8. ANTI-SKID SYSTEM<br>TR: Applicable F-16 TOs, 8 series component TOs    |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A4.8.1. Operational fundamentals   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.8.2. Operational check  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.8.3. Troubleshoot   |               | * |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.8.4. Inspect  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.8.5. Remove components  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A4.8.5.1. Wheel speed sensor   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.8.5.2. Other system components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.8.6. Repair components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.8.7. Install components   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A4.8.7.1. Wheel speed sensor   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.8.7.2. Other system components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.8.8. Component location   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |

# F-16 TRAINING REQUIREMENTS

STS 2A6X6, August 2000

| 1. Tasks, Knowledge And Technical References  | 2. Core Tasks |   | 3. Certification For OJT |              |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |            |
|---|---------------|---|--------------------------|--------------|------------------|------------------|--------------------|--|--------------------|--------------------|------------|
|   | 5             | 7 | A                        | B            | C                | D                | E                  | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |            |
|   |               |   | Tng Start                | Tng Complete | Trainee Initials | Trainer Initials | Certifier Initials | Course   | CDC                | (1)<br>Course      | (2)<br>CDC |
| A4.8.9. Bench check components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.9. NOSE GEAR STEERING SYSTEM<br>TR: Applicable F-16 TOs, 8 series component TOs        |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A4.9.1. Operational fundamentals  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.9.2. Operational check   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.9.3. Troubleshoot  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.9.4. Inspect   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.9.5. Remove components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.9.6. Repair components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.9.7. Adjust feedback potentiometer   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.9.8. Install components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.9.9. Component location  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.9.10. Bench check components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.10. SECONDARY FLIGHT CONTROL SYSTEM<br>TR: Applicable F-16 TOs, 8 series component TOs |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A4.10.1. Speed brake operational fundamentals   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.10.2. Speed brake operational check  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.10.3. Troubleshoot speed brakes  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.10.4. Inspect  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.10.5. Remove components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.10.6. Repair components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.10.7. Install components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.10.8. Component location   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.10.9. Bench check components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.11. OVERHEAT/FIRE WARNING SYSTEM<br>TR: Applicable F-16 TOs, 8 series component TOs    |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A4.11.1. Operational fundamentals   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.11.2. Operational check  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.11.3. Troubleshoot   |               | * |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.11.4. Inspect  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.11.5. Remove components  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.11.6. Repair components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.11.7. Install components   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.11.8. Component location   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.11.9. Bench check components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |

# F-16 TRAINING REQUIREMENTS

STS 2A6X6, August 2000

| 1. Tasks, Knowledge And Technical References  | 2. Core Tasks |   | 3. Certification For OJT |              |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |            |
|---|---------------|---|--------------------------|--------------|------------------|------------------|--------------------|--|--------------------|--------------------|------------|
|   | 5             | 7 | A                        | B            | C                | D                | E                  | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |            |
|   |               |   | Tng Start                | Tng Complete | Trainee Initials | Trainer Initials | Certifier Initials | Course   | CDC                | (1)<br>Course      | (2)<br>CDC |
| A4.12. MASTER CAUTION/WARNING SYSTEM<br>TR: Applicable F-16 TOs, 8 series component TOs   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A4.12.1. Operational fundamentals   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.12.2. Operational check  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.12.3. Troubleshoot   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.12.4. Inspect  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.12.5. Remove components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.12.6. Repair components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.12.7. Install components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.12.8. Component location   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.12.9. Bench check components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.13. FUEL WARNING AND CONTROL SYSTEM<br>TR: Applicable F-16 TOs, 8 series component TOs |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A4.13.1. Operational fundamentals   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.13.2. Operational check  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.13.3. Troubleshoot   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.13.4. Inspect  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.13.5. Remove components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.13.6. Repair components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.13.7. Install components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.13.8. Component location   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.13.9. Bench check components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.14. FUEL INERTING SYSTEM<br>TR: Applicable F-16 TOs, 8 series component TOs            |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A4.14.1. Operational fundamentals   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.14.2. Operational check  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.14.3. Troubleshoot   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.14.4. Inspect  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.14.5. Remove components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.14.6. Repair components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.14.7. Install components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.14.8. Component location   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.14.9. Bench check components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |

## F-16 TRAINING REQUIREMENTS

STS 2A6X6, August 2000

| 1. Tasks, Knowledge And Technical References   | 2. Core Tasks |   | 3. Certification For OJT |              |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |            |
|--|---------------|---|--------------------------|--------------|------------------|------------------|--------------------|--|--------------------|--------------------|------------|
|  | 5             | 7 | A                        | B            | C                | D                | E                  | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |            |
|  |               |   | Tng Start                | Tng Complete | Trainee Initials | Trainer Initials | Certifier Initials | Course   | CDC                | (1)<br>Course      | (2)<br>CDC |
| <b>A4.15. START AND IGNITION SYSTEM</b><br>TR: Applicable F-16 TOs, 8 series component TOs     |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A4.15.1. Operational fundamentals  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.15.2. JFS door operational check  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.15.3. Inspect   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.15.4. Remove components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.15.5. Repair components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.15.6. Install components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.15.7. Component location  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.15.8. Bench check components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| <b>A4.16. BLEED AIR DISTRIBUTION SYSTEM</b><br>TR: Applicable F-16 TOs, 8 series component TOs |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A4.16.1. Operational fundamentals  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.16.2. Operational check   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.16.3. Troubleshoot  |               | * |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.16.4. Inspect   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.16.5. Remove components   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A4.16.5.1. 7th stage valve   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.16.5.2. 13th stage valve  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.16.5.3. Other system components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.16.6. Repair components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.16.7. Install components  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A4.16.7.1. 7th stage valve   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.16.7.2. 13th stage valve  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.16.7.3. Other system components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.16.8. Perform leakage checks  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.16.9. Component location  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.16.10. Bench check components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| <b>A4.17. AIR CONDITIONING SYSTEM</b><br>TR: Applicable F-16 TOs                               |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A4.17.1. Operational fundamentals  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.17.2. Subsystem fundamentals  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A4.17.2.1. Anti-G suit system  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.17.2.2. Defogging system  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.17.2.3. Nacelle ejector   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.17.3. Operational check   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |



# F-16 TRAINING REQUIREMENTS

STS 2A6X6, August 2000

| 1. Tasks, Knowledge And Technical References  | 2. Core Tasks |   | 3. Certification For OJT |              |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |            |
|---|---------------|---|--------------------------|--------------|------------------|------------------|--------------------|--|--------------------|--------------------|------------|
|   | 5             | 7 | A                        | B            | C                | D                | E                  | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |            |
|   |               |   | Tng Start                | Tng Complete | Trainee Initials | Trainer Initials | Certifier Initials | Course   | CDC                | (1)<br>Course      | (2)<br>CDC |
| A4.17.4. Troubleshoot   |               | * |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.17.5. Inspect  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.17.6. Remove components  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A4.17.6.1. Equipment sensor control   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.17.6.2. Water separator coalescer  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.17.6.3. Other system components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.17.7. Repair components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.17.8. Install components   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A4.17.8.1. Equipment sensor control   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.17.8.2 Water separator coalescer   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.17.8.3. Other system components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.17.9. Perform leakage checks   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.17.10. Component location  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.17.11. Bench check components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.18. PRESSURIZATION SYSTEM<br>TR: Applicable F-16 TOs   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A4.18.1. Operational fundamentals   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A4.18.1.1. Aircraft pressurization system   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.18.1.2. Canopy seal pressurization system  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.18.2. Operational check  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A4.18.2.1. Pressurization system operational check  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.18.2.2. Canopy seal system operational check   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.18.3. Troubleshoot   |               | * |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.18.4. Inspect  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.18.5. Remove components  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.18.6. Repair components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.18.7. Install components   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.18.8. Component location   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.18.9. Bench check components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.19. LIQUID OXYGEN SYSTEM<br>TR: AFOSH standards; TOs 15X1-1,<br>42B5-1-2, 42E1-1-1, Applicable F-16<br>TOs |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A4.19.1. Operational fundamentals   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.19.2. Operational check  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.19.3. Oxygen regulator operational check   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.19.4. Troubleshoot   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.19.5. Inspect  |               | * |                          |              |                  |                  |                    | -  | -                  | -                  | -          |

# F-16 TRAINING REQUIREMENTS

STS 2A6X6, August 2000

| 1. Tasks, Knowledge And Technical References     | 2. Core Tasks |   | 3. Certification For OJT |              |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |            |
|--|---------------|---|--------------------------|--------------|------------------|------------------|--------------------|--|--------------------|--------------------|------------|
|  | 5             | 7 | A                        | B            | C                | D                | E                  | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |            |
|  |               |   | Tng Start                | Tng Complete | Trainee Initials | Trainer Initials | Certifier Initials | Course   | CDC                | (1)<br>Course      | (2)<br>CDC |
| A4.19.6. Purge system                            |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A4.19.6.1. Hot                                   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.19.6.2. Cold                                  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.19.7. Remove components                       |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A4.19.7.1. Converter                             | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.19.7.2. Oxygen gauge                          | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.19.7.3. Oxygen regulator                      | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.19.7.4. Other system components               |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.19.8. Repair components                       |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.19.9. Install components                      |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A4.19.9.1. Converter                             | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.19.9.2. Oxygen gauge                          | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.19.9.3. Oxygen regulator                      | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.19.9.4. Other system components               |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.19.10. Perform leak check                     |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.19.11. Clean components                       |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.19.12. Procedures for cleaning components     |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.19.13. Component location                     |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.19.14. Bench check components                 |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.20. CANOPY SYSTEMS<br>TR: Applicable F-16 TOs |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A4.20.1. Operational fundamentals                |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.20.2. Operation check                         |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.20.3. Inspect                                 |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.20.4. Remove components                       |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.20.5. Install components                      |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A4.20.6. Component location                      |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
|  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
|  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
|  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
|  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
|  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
|  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
|  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
|  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
|  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |

# F-15 TRAINING REQUIREMENTS

STS 2A6X6, August 2000

| 1. Tasks, Knowledge And Technical References  | 2. Core Tasks |   | 3. Certification For OJT |              |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |            |
|---|---------------|---|--------------------------|--------------|------------------|------------------|--------------------|--|--------------------|--------------------|------------|
|   | 5             | 7 | A                        | B            | C                | D                | E                  | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |            |
|   |               |   | Tng Start                | Tng Complete | Trainee Initials | Trainer Initials | Certifier Initials | Course   | CDC                | (1)<br>Course      | (2)<br>CDC |
| Attachment 5  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| NOTE 1: In addition to attachment 2, the tasks and knowledge in attachment 5 will be performed by personnel assigned to maintain F-15 aircraft. |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| NOTE 2: Users are responsible for annotating training references to identify current references pending STS revision.                           |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| NOTE 3: Items marked in columns 2a or 2b marked with a (*R) are optional core tasks for ANG and AFRC.   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| NOTE 4: Address comments and recommended changes through the MAJCOM Functional Managers to the AETC Training Manager, DSN 736-2772.             |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A5.1. METERS AND TESTERS<br>TR: Applicable 33 series TOs  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A5.1.1. Use ECS tester  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.1.2. Use oxygen system field tester  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.1.3. Use sonic leak detector   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.1.4. Use cockpit cabin pressure leakage tester   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.1.5. Use bonding meter   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.1.6. Use wire maintenance kit  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.2. AC POWER SYSTEM<br>TR: Applicable F-15 TOs, 8 series component TOs  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A5.2.1. Operational fundamentals  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.2.2. Operational check   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.2.3. Troubleshoot  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.2.4. Inspect   |               | * |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.2.5. Remove components   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A5.2.5.1. IDG   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.2.5.2. GCU   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.2.5.3. Power contactor   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.2.5.4. Other system components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.2.6. Repair components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.2.7. Install components  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A5.2.7.1. IDG   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.2.7.2. GCU   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.2.7.3. Power contactor   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.2.7.4. Other system components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.2.8. Component location  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.2.9. Bench check components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.3. DC POWER SYSTEM<br>TR: Applicable F-15 TOs, 8 series component TOs  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A5.3.1. Operational fundamentals  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.3.2. Operational check   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.3.3. Troubleshoot  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |

# F-15 TRAINING REQUIREMENTS

STS 2A6X6, August 2000

| 1. Tasks, Knowledge And Technical References                                    | 2. Core Tasks |   | 3. Certification For OJT |              |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |            |
|---|---------------|---|--------------------------|--------------|------------------|------------------|--------------------|--|--------------------|--------------------|------------|
|   | 5             | 7 | A                        | B            | C                | D                | E                  | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |            |
|   |               |   | Tng Start                | Tng Complete | Trainee Initials | Trainer Initials | Certifier Initials | Course   | CDC                | (1)<br>Course      | (2)<br>CDC |
| A5.3.4. Inspect   |               | * |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.3.5. Remove components   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.3.6. Repair components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.3.7. Install components  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.3.8. Component location  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.3.9. Bench check components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.4. EMERGENCY POWER SYSTEM<br>TR: Applicable F-15 TOs, 8 series component TOs |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A5.4.1. Operational fundamentals  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.4.2. Operational check   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.4.3. Troubleshoot  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.4.4. Inspect   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.4.5. Remove components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.4.6. Repair components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.4.7. Install components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.4.8. Component location  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.4.9. Bench check components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.5. EXTERNAL POWER SYSTEM<br>TR: Applicable F-15 TOs, 8 series component TOs  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A5.5.1. Operational fundamentals  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.5.2. Operational check   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.5.3. Apply external power  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.5.4. Troubleshoot  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.5.5. Inspect   |               | * |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.5.6. Remove components   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.5.7. Repair components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.5.8. Install components  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.5.9. Component location  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.5.10. Bench check components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.6. LIGHTING SYSTEM<br>TR: Applicable F-15 TOs, 8 series component TOs        |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A5.6.1. Operational fundamentals  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.6.2. Operational check   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.6.3. Troubleshoot  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.6.4. Inspect   |               | * |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.6.5. Remove components   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.6.6. Repair components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |

# F-15 TRAINING REQUIREMENTS

STS 2A6X6, August 2000

| 1. Tasks, Knowledge And Technical References                                       | 2. Core Tasks |   | 3. Certification For OJT |              |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |            |
|--|---------------|---|--------------------------|--------------|------------------|------------------|--------------------|--|--------------------|--------------------|------------|
|  | 5             | 7 | A                        | B            | C                | D                | E                  | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |            |
|  |               |   | Tng Start                | Tng Complete | Trainee Initials | Trainer Initials | Certifier Initials | Course   | CDC                | (1)<br>Course      | (2)<br>CDC |
| A5.6.7. Install components   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.6.8. Component location   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.6.9. Bench check components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.7. LANDING GEAR SYSTEM<br>TR: Applicable F-15 TOs, 8 series component TOs       |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A5.7.1. Operational fundamentals   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.7.2. Operational check  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.7.3. Troubleshoot   |               | * |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.7.4. Inspect  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.7.5. Remove components  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.7.6. Repair components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.7.7. Install components   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.7.8. Component location   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.7.9. Bench check components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.8. ANTI-SKID SYSTEM<br>TR: Applicable F-15 TOs, 8 series component TOs          |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A5.8.1. Operational fundamentals   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.8.2. Operational check  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.8.3. Troubleshoot   |               | * |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.8.4. Inspect  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.8.5. Remove components  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.8.6. Repair components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.8.7. Install components   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.8.8. Component location   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.8.9. Bench check components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.9. NOSE GEAR STEERING SYSTEM<br>TR: Applicable F-15 TOs, 8 series component TOs |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A5.9.1. Operational fundamentals   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.9.2. Operational check  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.9.3. Troubleshoot   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.9.4. Inspect  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.9.5. Remove components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.9.6. Repair components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.9.7. Install components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.9.8. Component location   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.9.9. Bench check components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |

# F-15 TRAINING REQUIREMENTS

STS 2A6X6, August 2000

| 1. Tasks, Knowledge And Technical References   | 2. Core Tasks |   | 3. Certification For OJT |              |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |            |
|--|---------------|---|--------------------------|--------------|------------------|------------------|--------------------|--|--------------------|--------------------|------------|
|  | 5             | 7 | A                        | B            | C                | D                | E                  | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |            |
|  |               |   | Tng Start                | Tng Complete | Trainee Initials | Trainer Initials | Certifier Initials | Course   | CDC                | (1)<br>Course      | (2)<br>CDC |
| <b>A5.10. SECONDARY FLIGHT CONTROL SYSTEM</b><br>TR: Applicable F-15 TOs, 8 series component TOs |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A5.10.1. Operational fundamentals  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.10.2. Operational check   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A5.10.2.1. Flaps   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.10.2.2. Speed brake   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.10.3. Troubleshoot  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A5.10.3.1. Flaps   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.10.3.2. Speed brake   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.10.4. Inspect   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.10.5. Remove components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.10.6. Repair components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.10.7. Install components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.10.8. Component location  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.10.9. Bench check components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| <b>A5.11. OVERHEAT/FIRE WARNING SYSTEM</b><br>TR: Applicable F-15 TOs, 8 series component TOs    |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A5.11.1. Operational fundamentals  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.11.2. Operational check   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.11.3. Troubleshoot  |               | * |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.11.4. Inspect   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.11.5. Remove components   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.11.6. Repair components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.11.7. Install components  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.11.8. Component location  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.11.9. Bench check components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| <b>A5.12. FIRE EXTINGUISHING SYSTEM</b><br>TR: Applicable F-15 TOs, 8 series component TOs       |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A5.12.1. Operational fundamentals  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.12.2. Operational check   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.12.3. Troubleshoot  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.12.4. Inspect   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.12.5. Remove components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.12.6. Repair components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.12.7. Install components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.12.8. Component location  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |

## F-15 TRAINING REQUIREMENTS

STS 2A6X6, August 2000

| 1. Tasks, Knowledge And Technical References  | 2. Core Tasks |   | 3. Certification For OJT |              |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |         |
|---|---------------|---|--------------------------|--------------|------------------|------------------|--------------------|--|--------------------|--------------------|---------|
|   | 5             | 7 | A                        | B            | C                | D                | E                  | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |         |
|   |               |   | Tng Start                | Tng Complete | Trainee Initials | Trainer Initials | Certifier Initials | Course   | CDC                | (1) Course         | (2) CDC |
| A5.12.9. Bench check components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A5.13. MASTER CAUTION/WARNING SYSTEM<br>TR: Applicable F-15 TOs, 8 series component TOs   |               |   |                          |              |                  |                  |                    |  |                    |                    |         |
| A5.13.1. Operational fundamentals   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A5.13.2. Operational check  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A5.13.3. Troubleshoot   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A5.13.4. Inspect  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A5.13.5. Remove components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A5.13.6. Repair components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A5.13.7. Install components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A5.13.8. Component location   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A5.13.9. Bench check components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A5.14. FUEL WARNING AND CONTROL SYSTEM<br>TR: Applicable F-15 TOs, 8 series component TOs |               |   |                          |              |                  |                  |                    |  |                    |                    |         |
| A5.14.1. Operational fundamentals   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A5.14.2. Operational check  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A5.14.3. Troubleshoot   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A5.14.4. Inspect  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A5.14.5. Remove components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A5.14.6. Repair components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A5.14.7. Install components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A5.14.8. Component location   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A5.14.9. Bench check components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A5.15. START AND IGNITION SYSTEM<br>TR: Applicable F-15 TOs, 8 series component TOs       |               |   |                          |              |                  |                  |                    |  |                    |                    |         |
| A5.15.1. Operational fundamentals   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A5.15.2. Operational check  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A5.15.3. Troubleshooting  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A5.15.4. Inspect  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A5.15.5. Remove components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A5.15.6. Repair components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A5.15.7. Install components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A5.15.8. Component location   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A5.15.9. Bench check components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |

# F-15 TRAINING REQUIREMENTS

STS 2A6X6, August 2000

| 1. Tasks, Knowledge And Technical References  | 2. Core Tasks |   | 3. Certification For OJT |              |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |            |
|---|---------------|---|--------------------------|--------------|------------------|------------------|--------------------|--|--------------------|--------------------|------------|
|   | 5             | 7 | A                        | B            | C                | D                | E                  | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |            |
|   |               |   | Tng Start                | Tng Complete | Trainee Initials | Trainer Initials | Certifier Initials | Course   | CDC                | (1)<br>Course      | (2)<br>CDC |
| A5.16. BLEED AIR DISTRIBUTION SYSTEM<br>TR: Applicable F-15 TOs, 8 series component TOs |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A5.16.1. Operational fundamentals   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.16.2. Operational check  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.16.3. Troubleshoot   |               | * |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.16.4. Inspect  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.16.5. Remove components  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A5.16.5.1. Backup valve   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.16.5.2. Final stage valve  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.16.5.3. Other system components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.16.6. Repair components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.16.7. Install components   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A5.16.7.1. Backup valve   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.16.7.2. Final stage valve  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.16.7.3. Other system components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.16.8. Perform leakage checks   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.16.9. Component location   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.16.10. Bench check components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.17. AIR CONDITIONING SYSTEM<br>TR: Applicable F-15 TOs, 8 series component TOs       |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A5.17.1. Operational fundamentals   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.17.2. Subsystem fundamentals   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A5.17.2.1. Anti-G suit system   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.17.2.2. Defogging system   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.17.3. Operational check  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.17.4. Troubleshoot   |               | * |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.17.5. Inspect  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.17.6. Remove components  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A5.17.6.1. Modulating flow control valve  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.17.6.2. Other system components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.17.7. Repair components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.17.8. Install components   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A5.17.8.1. Modulating flow control valve  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.17.8.2. Other system components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.17.9. Perform leakage checks   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.17.10. Component location  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.17.11. Bench check components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |



# F-15 TRAINING REQUIREMENTS

STS 2A6X6, August 2000

| 1. Tasks, Knowledge And Technical References  | 2. Core Tasks |   | 3. Certification For OJT |              |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |            |
|---|---------------|---|--------------------------|--------------|------------------|------------------|--------------------|--|--------------------|--------------------|------------|
|   | 5             | 7 | A                        | B            | C                | D                | E                  | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |            |
|   |               |   | Tng Start                | Tng Complete | Trainee Initials | Trainer Initials | Certifier Initials | Course   | CDC                | (1)<br>Course      | (2)<br>CDC |
| A5.18. PRESSURIZATION SYSTEM<br>TR: Applicable F-15 TOs, 8 series component TOs                                   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A5.18.1. Operational fundamentals   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A5.18.1.1. Aircraft pressurization system   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.18.1.2. Canopy seal pressurization system  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.18.2. Operational check  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A5.18.2.1. Pressurization system operational check  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.18.2.2. Canopy seal system operational check   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.18.3. Troubleshoot   |               | * |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.18.4. Inspect  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.18.5. Remove components  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.18.6. Repair components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.18.7. Install components   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.18.8. Component location   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.18.9. Bench check components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.19. LIQUID COOLANT SYSTEM<br>TR: Applicable F-15 TOs, 8 series component TOs                                   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A5.19.1. Operational fundamentals   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.19.2. Troubleshoot   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.19.3. Inspect  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.19.4. Remove components  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A5.19.4.1. LCS pump   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.19.4.2. Other system components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.19.5. Repair components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.19.6. Install components   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A5.19.6.1. LCS pump   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.19.6.2. Other system components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.19.7. Component location   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.19.8. Bench check components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.19.9. Service  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.20. LIQUID OXYGEN SYSTEM<br>AFOSH standards; TOs 15X1-1, 42B5-1-2, Applicable F-15 TOs, 8 series component TOs |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A5.20.1. Operational fundamentals   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.20.2. Operational check  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.20.3. Troubleshoot   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A5.20.4. Inspect  |               | * |                          |              |                  |                  |                    | -  | -                  | -                  | -          |

STS 2A6X6, August 2000

Attachment 5

## C-130 SPECIFIC REQUIREMENTS

STS 2A6X6, August 2000

| 1. Tasks, Knowledge And Technical References  | 2. Core Tasks |   | 3. Certification For OJT |              |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |            |
|---|---------------|---|--------------------------|--------------|------------------|------------------|--------------------|--|--------------------|--------------------|------------|
|   | 5             | 7 | A                        | B            | C                | D                | E                  | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |            |
|   |               |   | Tng Start                | Tng Complete | Trainee Initials | Trainer Initials | Certifier Initials | Course   | CDC                | (1)<br>Course      | (2)<br>CDC |
| Attachment 6  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| NOTE 1: In addition to attachment 2, the tasks and knowledge in attachment 6 will be performed by assigned to maintain C-130 aircraft.  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| NOTE 2: Users are responsible for annotating training references to identify current references pending STS revision.   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| NOTE 3: Items marked in columns 2a or 2b marked with a (*R) are optional core tasks for ANG and AFRC.   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| NOTE 4: Address comments and recommended changes through Unit Training Managers to the MAJCOM Maintenance Training Manager @ HQ AMC/LGQRT, 402 Scott Drive Unit 2A2, Scott AFB, IL 62225-5308; or call DSN 576-4787. MAJCOM Training and Functional Managers forward inputs to the AETC Training Manager, DSN 736-2772. |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A6.1. AC POWER SYSTEM<br>TR: Applicable C-130 TOs, 8 series component Tos   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A6.1.1. Operational fundamentals  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.1.2. Operational check   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.1.3. Troubleshoot  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.1.4. Inspect   |               | * |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.1.5. Remove components   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A6.1.5.1. Generator control panel   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.1.5.2. Voltage regulator   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.1.5.3. Frequency-sensitive relay   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.1.5.4. Inverter  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.1.5.5. Bus tie contactor   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.1.5.6. Generator control unit  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.1.5.7. Bus switching system components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.1.5.8. Other system components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.1.6. Repair components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.1.7. Install components  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A6.1.7.1. Generator control panel   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.1.7.2. Voltage regulator   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.1.7.3. Frequency-sensitive relay   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.1.7.4. Inverter  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.1.7.5. Bus tie contactor   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.1.7.6. Generator control unit  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.1.7.7. Bus switching system components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.1.7.8. Other system components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.1.8. Component location  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.1.9. Bench check components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.2. DC POWER SYSTEM<br>TR: Applicable C-130 TOs, 8 series component TOs   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A6.2.1. Operational fundamentals  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.2.2. Operational check   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |

## C-130 SPECIFIC REQUIREMENTS

STS 2A6X6, August 2000

| 1. Tasks, Knowledge And Technical References                                    | 2. Core Tasks |   | 3. Certification For OJT |              |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |            |
|---|---------------|---|--------------------------|--------------|------------------|------------------|--------------------|--|--------------------|--------------------|------------|
|   | 5             | 7 | A                        | B            | C                | D                | E                  | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |            |
|   |               |   | Tng Start                | Tng Complete | Trainee Initials | Trainer Initials | Certifier Initials | Course   | CDC                | (1)<br>Course      | (2)<br>CDC |
| A6.2.3. Troubleshoot  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.2.4. Inspect   |               | * |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.2.5. Remove components   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A6.2.5.1. Transformer rectifier unit  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.2.5.2. Reverse current relay   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.2.5.3. Battery system components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.2.5.4. Other system components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.2.6. Repair components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.2.7. Install components  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A6.2.7.1. Transformer rectifier   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.2.7.2. Reverse current relay   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.2.7.3. Battery system components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.2.7.4. Other system components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.2.8. Component location  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.2.9. Bench check components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.3. EXTERNAL POWER SYSTEM<br>TR: Applicable C-130 TOs, 8 series component TOs |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A6.3.1. Operational fundamentals  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.3.2. Operational check   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.3.3. Apply external power  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.3.4. Troubleshoot  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.3.5. Inspect   |               | * |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.3.6. Remove components   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A6.3.6.1. External power receptacle   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.3.6.2. External power contactor  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.3.6.3. Other system components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.3.7. Repair components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.3.8. Install components  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A6.3.8.1. External power receptacle   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.3.8.2. External power contactor  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.3.8.3. Other system components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.3.9. Component location  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.3.10. Bench check components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.4. LIGHTING SYSTEM<br>TR: Applicable C-130 TOs, 8 series component TOs       |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A6.4.1. Operational fundamentals  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |

## C-130 SPECIFIC REQUIREMENTS

STS 2A6X6, August 2000

| 1. Tasks, Knowledge And Technical References                                     | 2. Core Tasks |   | 3. Certification For OJT |              |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |            |
|--|---------------|---|--------------------------|--------------|------------------|------------------|--------------------|--|--------------------|--------------------|------------|
|  | 5             | 7 | A                        | B            | C                | D                | E                  | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |            |
|  |               |   | Tng Start                | Tng Complete | Trainee Initials | Trainer Initials | Certifier Initials | Course   | CDC                | (1)<br>Course      | (2)<br>CDC |
| A6.4.2. Operational check  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A6.4.2.1. External lighting  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.4.2.2. Internal lighting  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A6.4.2.2.1. Flight-deck lighting   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.4.2.2.2. Cargo compartment lighting   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.4.2.2.3. Other internal lighting  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.4.3. Troubleshoot   |               | * |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.4.4. Inspect  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.4.5. Remove components  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A6.4.5.1. Loading light  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.4.5.2. Instrument panel eyebrow light   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.4.5.3. Wingtip light  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.4.5.4. Variable AC light transformer  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.4.5.5. DC light rheostat  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.4.5.6. Other system components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.4.6. Repair components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.4.7. Install components   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A6.4.7.1. Loading light  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.4.7.2. Instrument panel eyebrow light   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.4.7.3. Wingtip light  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.4.7.4. Variable AC light transformer  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.4.7.5. DC light rheostat  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.4.7.6. Other system components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.4.8. Component location   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.4.9. Bench check components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.5. LANDING GEAR SYSTEM<br>TR: Applicable C-130 TOs, 8 series<br>component TOs |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A6.5.1. Operational fundamentals   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.5.2. Operational check  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.5.3. Troubleshoot   |               | * |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.5.4. Inspect  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.5.5. Component location   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.5.6. Remove components  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.5.7. Repair components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.5.8. Install components   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.5.9. Bench check components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |

## C-130 SPECIFIC REQUIREMENTS

STS 2A6X6, August 2000

| 1. Tasks, Knowledge And Technical References   | 2. Core Tasks |   | 3. Certification For OJT |              |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |            |
|--|---------------|---|--------------------------|--------------|------------------|------------------|--------------------|--|--------------------|--------------------|------------|
|  | 5             | 7 | A                        | B            | C                | D                | E                  | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |            |
|  |               |   | Tng Start                | Tng Complete | Trainee Initials | Trainer Initials | Certifier Initials | Course   | CDC                | (1)<br>Course      | (2)<br>CDC |
| <b>A6.6. ANTI-SKID SYSTEM</b><br>TR: Applicable C-130 TOs, 8 series component TOs              |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A6.6.1. Operational fundamentals   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.6.2. Operational check  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.6.3. Troubleshoot   |               | * |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.6.4. Inspect  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.6.5. Remove components  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A6.6.5.1. Anti-skid control box  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.6.5.2. Wheel transducer   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.6.5.3. Other system components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.6.6. Repair components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.6.7. Install components   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A6.6.7.1. Anti-skid control box  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.6.7.2. Wheel transducer   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.6.7.3. Other system components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.6.8. Component location   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.6.9. Bench check components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| <b>A6.7. PRIMARY FLIGHT CONTROL SYSTEM</b><br>TR: Applicable C-130 TOs, 8 series component TOs |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A6.7.1. Operational fundamentals   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.7.2. Operational check  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A6.7.2.1. Aileron/Rudder Trim  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.7.2.2. Elevator Trim  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.7.3. Troubleshoot   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.7.4. Inspect  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.7.5. Remove components  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A6.7.5.1. Elevator trim yoke switch  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.7.5.2. Elevator trim selector switch  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.7.5.3. Rudder/aileron trim switch   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.7.5.4. Other system components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.7.6. Repair components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.7.7. Install components   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A6.7.7.1. Elevator trim yoke switch  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.7.7.2. Elevator trim selector switch  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.7.7.3. Rudder/aileron trim switch   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.7.7.4. Other system components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |

## C-130 SPECIFIC REQUIREMENTS

STS 2A6X6, August 2000

| 1. Tasks, Knowledge And Technical References  | 2. Core Tasks |   | 3. Certification For OJT |              |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |            |
|---|---------------|---|--------------------------|--------------|------------------|------------------|--------------------|--|--------------------|--------------------|------------|
|   | 5             | 7 | A                        | B            | C                | D                | E                  | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |            |
|   |               |   | Tng Start                | Tng Complete | Trainee Initials | Trainer Initials | Certifier Initials | Course   | CDC                | (1)<br>Course      | (2)<br>CDC |
| A6.7.8. Component location  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.7.9. Bench check components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.8. SECONDARY FLIGHT CONTROL SYSTEM<br>TR: Applicable C-130 TOs, 8 series component TOs |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A6.8.1. Operational fundamentals  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.8.2. Operational check flaps   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.8.3. Troubleshoot flaps  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.8.4. Inspect   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.8.5. Remove components   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A6.8.5.1. Flap asymmetry brake switches   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.8.5.2. Flap motor limit switches   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.8.5.3. Flap motor warning switches   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.8.5.4. Flap position warning switches  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.8.5.5. Other system components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.8.6. Repair components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.8.7. Install components  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A6.8.7.1. Flap asymmetry brake switches   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.8.7.2. Flap motor limit switches   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.8.7.3. Flap motor warning switches   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.8.7.4. Flap position warning switches  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.8.7.5. Other system components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.8.8. Component location  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.8.9. Bench check components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.9. OVERHEAT/FIRE WARNING SYSTEM<br>TR: Applicable C-130 TOs, 8 series component TOs    |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A6.9.1. Operational fundamentals  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.9.2. Operational check   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A6.9.2.1. Engine overheat/fire warning  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.9.2.2. GTC/APU/overheat/fire warning   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.9.2.3. Nacelle overheat  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.9.2.4. Turbine overheat  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.9.3. Troubleshoot  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.9.3.1. Overheat/fire warning   |               | * |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.9.3.2. Turbine overheat  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.9.3.3. Nacelle overheat  |               | * |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.9.4. Inspect   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |

## C-130 SPECIFIC REQUIREMENTS

STS 2A6X6, August 2000

| 1. Tasks, Knowledge And Technical References   | 2. Core Tasks |   | 3. Certification For OJT |              |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |            |
|--|---------------|---|--------------------------|--------------|------------------|------------------|--------------------|--|--------------------|--------------------|------------|
|  | 5             | 7 | A                        | B            | C                | D                | E                  | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |            |
|  |               |   | Tng Start                | Tng Complete | Trainee Initials | Trainer Initials | Certifier Initials | Course   | CDC                | (1)<br>Course      | (2)<br>CDC |
| A6.9.5. Remove components  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A6.9.5.1. Thermostat   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.9.5.2. Fire loop  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.9.5.3. Fire Warning Control Box   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.9.5.4. Overheat detectors   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.9.5.5. Turbine overheat wiring harness  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.9.5.6. Other system components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.9.6. Repair components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.9.7. Install components   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A6.9.7.1. Thermostat   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.9.7.2. Fire loop  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.9.7.3. Fire Warning Control Box   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.9.7.4. Overheat detectors   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.9.7.5. Turbine overheat wiring harness  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.9.7.6. Other system components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.9.8. Component location   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.9.9. Bench check components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.10. FIRE EXTINGUISHING SYSTEM<br>TR: Applicable C-130 TOs, 8 series component TOs |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A6.10.1. Operational fundamentals  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.10.2. Operational check   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.10.3. Troubleshoot  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.10.4. Inspect   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.10.5. Remove components   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A6.10.5.1. Squib   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.10.5.2. Agent bottle  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.10.5.3. Directional control valves  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.10.5.4. System plumbing   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.10.5.5. Other system components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.10.6. Repair components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.10.7. Install components  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A6.10.7.1. Squib   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.10.7.2. Agent bottle  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.10.7.3. Directional control valves  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.10.7.4. System plumbing   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.10.7.5. Other system components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.10.8. Component location  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |



## C-130 SPECIFIC REQUIREMENTS

STS 2A6X6, August 2000

| 1. Tasks, Knowledge And Technical References   | 2. Core Tasks |   | 3. Certification For OJT |              |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |         |
|--|---------------|---|--------------------------|--------------|------------------|------------------|--------------------|--|--------------------|--------------------|---------|
|  | 5             | 7 | A                        | B            | C                | D                | E                  | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |         |
|  |               |   | Tng Start                | Tng Complete | Trainee Initials | Trainer Initials | Certifier Initials | Course   | CDC                | (1) Course         | (2) CDC |
| A6.10.9. Bench check components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A6.11. MASTER CAUTION/WARNING SYSTEM<br>TR Applicable C-130 TOs, 8 series component TOs          |               |   |                          |              |                  |                  |                    |  |                    |                    |         |
| A6.11.1. Operational fundamentals  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A6.11.2. Operational check   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A6.11.3. Troubleshoot  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A6.11.4. Inspect   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A6.11.5. Remove components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A6.11.6. Repair components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A6.11.7. Install components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A6.11.8. Component location  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A6.11.9. Bench check components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A6.12. CARGO DOOR CONTROL AND WARNING SYSTEM<br>TR: Applicable C-130 TOs, 8 series component TOs |               |   |                          |              |                  |                  |                    |  |                    |                    |         |
| A6.12.1. Operational fundamentals  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A6.12.2. Operational check   |               |   |                          |              |                  |                  |                    |  |                    |                    |         |
| A6.12.2.1. Cargo Ramp/Door   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A6.12.2.2. ADS   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A6.12.3. Troubleshoot  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A6.12.4. Inspect   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A6.12.5. Remove components   |               |   |                          |              |                  |                  |                    |  |                    |                    |         |
| A6.12.5.1. Ramp switch   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A6.12.5.2. Door switch   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A6.12.5.3. Other system components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A6.12.6. Repair components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A6.12.7. Install components  |               |   |                          |              |                  |                  |                    |  |                    |                    |         |
| A6.12.7.1. Ramp switch   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A6.12.7.2. Door switch   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A6.12.7.3. Other system components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A6.12.8. Adjust switches   |               |   |                          |              |                  |                  |                    |  |                    |                    |         |
| A6.12.8.1. Ramp Switch   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A6.12.8.2. Door Switch   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A6.12.9. Component location  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A6.12.10. Bench check components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |

## C-130 SPECIFIC REQUIREMENTS

STS 2A6X6, August 2000

| 1. Tasks, Knowledge And Technical References  | 2. Core Tasks |   | 3. Certification For OJT |              |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |            |
|---|---------------|---|--------------------------|--------------|------------------|------------------|--------------------|--|--------------------|--------------------|------------|
|   | 5             | 7 | A                        | B            | C                | D                | E                  | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |            |
|   |               |   | Tng Start                | Tng Complete | Trainee Initials | Trainer Initials | Certifier Initials | Course   | CDC                | (1)<br>Course      | (2)<br>CDC |
| <b>A6.13. START AND IGNITION SYSTEM</b><br>TR: Applicable C-130 TOs, 8 series component TOs       |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A6.13.1. Operational fundamentals   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.13.2. Operational check  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.13.3. Auxiliary generator  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.13.4. Troubleshoot   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.13.5. Inspect  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.13.6. Remove components  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A6.13.6.1. Starter control switch   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.13.6.2. Throttle ignition switch   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.13.6.3. Low speed ground idle switch   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.13.7. Repair components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.13.8. Install components   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A6.13.8.1. Starter control switch   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.13.8.2. Throttle ignition switch   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.13.8.3. Low speed ground idle switch   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.13.9. Component location   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.13.10. Bench check components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| <b>A6.14. FUEL WARNING AND CONTROL SYSTEM</b><br>TR: Applicable C-130 TOs; 8 series component TOs |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A6.14.1. Operational fundamentals   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.14.2. Operational check  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.14.3. Troubleshoot   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.14.4. Inspect  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.14.5. Remove components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.14.6. Repair components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.14.7. Install components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.14.8. Component location   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.14.9. Bench check components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| <b>A6.15. NESA ANTI-ICING SYSTEM</b><br>TR: Applicable C-130 TOs; 8 series component TOs          |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A6.15.1. Operational fundamentals   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.15.2. Operational check  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.15.3. Attach wire to taps on transformer   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.15.4. Troubleshoot   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.15.5. Inspect  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |

# C-130 SPECIFIC REQUIREMENTS

STS 2A6X6, August 2000

| 1. Tasks, Knowledge And Technical References   | 2. Core Tasks |   | 3. Certification For OJT |              |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |            |
|--|---------------|---|--------------------------|--------------|------------------|------------------|--------------------|--|--------------------|--------------------|------------|
|  | 5             | 7 | A                        | B            | C                | D                | E                  | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |            |
|  |               |   | Tng Start                | Tng Complete | Trainee Initials | Trainer Initials | Certifier Initials | Course   | CDC                | (1)<br>Course      | (2)<br>CDC |
| A6.15.6. Remove components   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A6.15.6.1. Power transformer   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.15.6.2. NESA window leads and hardware  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.15.6.3. Other system components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.15.7. Repair components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.15.8. Install components  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A6.15.8.1. Power transformer   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.15.8.2. NESA window leads and hardware  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.15.8.3. Other system components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.15.9. Component location  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.15.10. Bench check components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.16. BLEED AIR DISTRIBUTION SYSTEM<br>TR: Applicable C-130 TOs, 8 series component TOs |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A6.16.1. Operational fundamentals  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.16.2. Operational check   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.16.3. Troubleshoot  |               | * |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.16.4. Inspect   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.16.5. Remove components   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A6.16.5.1. Engine shutoff valve  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.16.5.2. Wing anti-ice valve   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.16.5.3. Bleed air duct and clamp  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.16.5.4. Thermostat  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.16.5.5. Other system components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.16.6. Repair components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.16.7. Install components  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A6.16.7.1. Engine shutoff valve  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.16.7.2. Wing anti-ice valve   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.16.7.3. Bleed air duct and clamp  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.16.7.4. Thermostat  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.16.7.5. Other system components   |               |   |                          |              |                  |                  |                    | --   | -                  | -                  | -          |
| A6.16.8. Perform leakage checks  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.16.9. Perform bleed air decay check   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.16.10. Component location   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.16.11. Bench check components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.17. RADOME ANTI-ICING SYSTEM<br>TR: Applicable C-130 TOs, 8 series component TOs      |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A6.17.1. Operational fundamentals  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |

## C-130 SPECIFIC REQUIREMENTS

STS 2A6X6, August 2000

| 1. Tasks, Knowledge And Technical References                                       | 2. Core Tasks |   | 3. Certification For OJT |              |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |            |
|--|---------------|---|--------------------------|--------------|------------------|------------------|--------------------|--|--------------------|--------------------|------------|
|  | 5             | 7 | A                        | B            | C                | D                | E                  | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |            |
|  |               |   | Tng Start                | Tng Complete | Trainee Initials | Trainer Initials | Certifier Initials | Course   | CDC                | (1)<br>Course      | (2)<br>CDC |
| A6.17.2. Operational check   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.17.3. Troubleshoot  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.17.4. Inspect   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.17.5. Remove components   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A6.17.5.1. Anti-ice valve  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.17.5.2. Thermostwitches   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.17.5.3. Anti-ice solenoid   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.17.5.4. Anti-ice regulator  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.17.5.5. Glycol tank components (C-130E AWADS only)                              |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.17.6. Install components  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A6.17.6.1. Anti-ice valve  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.17.6.2. Thermostwitches   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.17.6.3. Radome anti-ice solenoid  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.17.6.4. Radome anti-ice regulator   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.17.6.5. Glycol tank components (C-130E AWADS only)                              |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.18. WING ANTI-ICING SYSTEM<br>TR: Applicable C-130 TOs, 8 series components TOs |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A6.18.1. Operational fundamentals  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.18.2. Operational check   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.18.3. Troubleshoot  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.18.4. Inspect   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.18.5. Remove components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.18.6. Install components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.19. ICE DETECTION SYSTEM<br>TR: Applicable C-130 TOs, 8 series components TOs   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A6.19.1. Operational fundamentals  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A6.19.2. Operational check   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.19.3. Troubleshoot  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.19.4. Inspect   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.19.5. Remove components   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A6.19.5.1. Ice detector  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.19.5.2. Interpreter   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.19.5.3. Propeller de-ice timer  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.19.6. Install components  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A6.19.6.1. Ice detector  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.19.6.2. Interpreter   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |

# C-130 SPECIFIC REQUIREMENTS

STS 2A6X6, August 2000

| 1. Tasks, Knowledge And Technical References                                       | 2. Core Tasks |   | 3. Certification For OJT |              |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |         |
|--|---------------|---|--------------------------|--------------|------------------|------------------|--------------------|--|--------------------|--------------------|---------|
|  | 5             | 7 | A                        | B            | C                | D                | E                  | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |         |
|  |               |   | Tng Start                | Tng Complete | Trainee Initials | Trainer Initials | Certifier Initials | Course   | CDC                | (1) Course         | (2) CDC |
| A6.19.6.3. Propeller de-ice timer  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A6.20. UNDERFLOOR HEAT SYSTEM<br>TR: Applicable C-130 TOs, 8 series components TOs |               |   |                          |              |                  |                  |                    |  |                    |                    |         |
| A6.20.1 Operational fundamentals   |               |   |                          |              |                  |                  |                    |  |                    |                    |         |
| A6.20.2 Operational check  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A6.20.3. Troubleshoot  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A6.20.4. Inspect   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A6.20.5. Remove components   |               |   |                          |              |                  |                  |                    |  |                    |                    |         |
| A6.20.5.1. Shutoff valve   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A6.20.5.2. Diverter valve  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A6.20.5.3. Thermostat  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A6.20.5.4. Recirculating fan   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A6.20.6. Install components  |               |   |                          |              |                  |                  |                    |  |                    |                    |         |
| A6.20.6.1. Shutoff valve   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A6.20.6.2. Diverter valve  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A6.20.6.3. Thermostat  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A6.20.6.4. Recirculating fan   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A6.20.6.5 Other systems components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A6.20.7 Component location   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A6.20.8 Bench check components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A6.21. AIR CONDITIONING SYSTEM<br>TR: Applicable C-130 TOs; 8 series component TOs |               |   |                          |              |                  |                  |                    |  |                    |                    |         |
| A6.21.1. Operational fundamentals  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A6.21.2. Operational check   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A6.21.3. Troubleshoot  |               | * |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A6.21.4. Inspect   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A6.21.5. Remove components   |               |   |                          |              |                  |                  |                    |  |                    |                    |         |
| A6.21.5.1. Flow control valve  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A6.21.5.2. Diverter valve pressure controller                                      | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A6.21.5.3. Water separator sock  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A6.21.5.4. Temperature control valve   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A6.21.5.5. Water separator   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A6.21.5.6. Water separator anti-ice valve (C-130H only)                            |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A6.21.5.7. Auxiliary vent valve  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A6.21.5.8. Cooling turbine   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A6.21.5.9. Heat exchanger  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |

# C-130 SPECIFIC REQUIREMENTS

STS 2A6X6, August 2000

| 1. Tasks, Knowledge And Technical References                                     | 2. Core Tasks |   | 3. Certification For OJT |              |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |         |
|--|---------------|---|--------------------------|--------------|------------------|------------------|--------------------|--|--------------------|--------------------|---------|
|  | 5             | 7 | A                        | B            | C                | D                | E                  | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |         |
|  |               |   | Tng Start                | Tng Complete | Trainee Initials | Trainer Initials | Certifier Initials | Course   | CDC                | (1) Course         | (2) CDC |
| A6.21.5.10. Ram air duct   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A6.21.5.11. Refrigeration unit   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A6.21.5.12. Temperature control boxes  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A6.21.5.13. Other system components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A6.21.6. Repair components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A6.21.7. Install components  |               |   |                          |              |                  |                  |                    |  |                    |                    |         |
| A6.21.7.1. Flow control valve  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A6.21.7.2. Diverter valve pressure controller                                    | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A6.21.7.3. Water separator sock  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A6.21.7.4. Temperature control valve   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A6.21.7.5. Water separator   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A6.21.7.6. Water separator anti-ice valve (C-130H only)                          |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A6.21.7.7. Auxiliary vent valve  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A6.21.7.8. Cooling turbine   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A6.21.7.9. Heat exchanger  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A6.21.7.10. Ram air duct   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A6.21.7.11. Refrigeration unit   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A6.21.7.12. Temperature control boxes  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A6.21.7.13. Other system components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A6.21.8. Perform leakage checks  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A6.21.9. Component location  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A6.21.10. Bench check components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A6.21.11. Service cooling turbine  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A6.21.12. Adjust flight deck flow valve cabin assembly                           |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A6.22. PRESSURIZATION SYSTEM<br>TR: Applicable C-130 TOs; 8 series component TOs |               |   |                          |              |                  |                  |                    |  |                    |                    |         |
| A6.22.1. Operational fundamentals  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A6.22.2. Operational check   | */R           |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A6.22.3. Troubleshoot  |               | * |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A6.22.4. Inspect   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A6.22.5. Remove components   |               |   |                          |              |                  |                  |                    |  |                    |                    |         |
| A6.22.5.1. Pressure controller   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A6.22.5.2. Outflow valve   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A6.22.5.3. Pneumatic relay   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A6.22.5.4. Safety valve  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A6.22.6. Repair components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |

## C-130 SPECIFIC REQUIREMENTS

STS 2A6X6, August 2000

| 1. Tasks, Knowledge And Technical References   | 2. Core Tasks |   | 3. Certification For OJT |              |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |            |
|--|---------------|---|--------------------------|--------------|------------------|------------------|--------------------|--|--------------------|--------------------|------------|
|  | 5             | 7 | A                        | B            | C                | D                | E                  | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |            |
|  |               |   | Tng Start                | Tng Complete | Trainee Initials | Trainer Initials | Certifier Initials | Course   | CDC                | (1)<br>Course      | (2)<br>CDC |
| A6.22.7. Install components  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A6.22.7.1. Pressure controller   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.22.7.2. Outflow valve   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.22.7.3. Pneumatic relay   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.22.7.4. Safety valve  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.22.8. Component location  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.22.9. Bench check components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.22.10. Perform pressure decay check   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.23. LIQUID OXYGEN SYSTEM<br>TR: AFOSH standards; TOs 15X1-1, 42B5-1-2, 42E1-1-1, Applicable C-130 TOs |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A6.23.1. Operational fundamentals  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.23.2. Operational check   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.23.3. Troubleshoot  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.23.4. Inspect   |               | * |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.23.5. Purge system  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.23.6. Remove components   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A6.23.6.1. Oxygen regulator  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.23.6.2. Other system components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.23.7. Repair components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.23.8. Install components  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A6.23.8.1. Oxygen regulator  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.23.8.2. Other system components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.23.9. Perform leak check  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.23.10. Clean components   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.23.11. Component location   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.23.12. Bench check components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.24. MISCELLANEOUS SYSTEMS<br>TR: Applicable C-130 TOs, 8 series component TOs                         |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A6.24.1. Propeller feather electrical  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A6.24.1.1. Operational check   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.24.1.2. Troubleshoot  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.24.1.3. Inspect   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.24.1.4. Remove components   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A6.24.1.4.1. Feather button  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.24.1.4.2. Other system components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A6.24.1.5. Repair components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |

## STS 2A6X6, August 2000

Attachment 6



# KC-135 SPECIFIC REQUIREMENTS

STS 2A6X6, August 2000

| 1. Tasks, Knowledge And Technical References   | 2. Core Tasks |   | 3. Certification For OJT |              |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |            |
|--|---------------|---|--------------------------|--------------|------------------|------------------|--------------------|--|--------------------|--------------------|------------|
|  | 5             | 7 | A                        | B            | C                | D                | E                  | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |            |
|  |               |   | Tng Start                | Tng Complete | Trainee Initials | Trainer Initials | Certifier Initials | Course   | CDC                | (1)<br>Course      | (2)<br>CDC |
| ATTACHMENT 7   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| NOTE 1: In addition to attachment 2, the tasks and knowledge in attachment 7 will be performed by personnel assigned to maintain KC-135 aircraft.  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| NOTE 2: Users are responsible for annotating training references to identify current references pending STS revision.  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| NOTE 3: Items marked in columns 2a or 2b marked with a (*R) are optional core tasks for ANG and AFRC.  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| NOTE 4: Address comments and recommended changes through Unit Training Managers to the MAJCOM Maintenance Training Manager @ HQ AMC/LGQRT, Drive Unit 2A2, Scott AFB, IL 62225-5308; or call DSN 576-4787. MAJCOM Training and Functional Managers forward inputs to the AETC Training Manager 2772. |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A7.1. METERS AND TESTERS<br>TR: Applicable 33 series TOs   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A7.1.1. Use decade box   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.1.2. Use anti-skid tester   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.1.3. Use transformer-rectifier load bank  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.1.4. Use wheatstone bridge  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.2. AC POWER SYSTEM<br>TR: Applicable KC-135 TOs, 8 series component Tos   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A7.2.1. Operational fundamentals   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.2.2. Operational check  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.2.3. Troubleshoot   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.2.4. Inspect  |               | * |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.2.5. Remove components  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A7.2.5.1. Generator breaker  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.2.5.2. Other system components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.2.6. Repair components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.2.7. Install components   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A7.2.7.1. Generator breaker  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.2.7.2. Other system components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.2.8. Component location   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.2.9. Bench check components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.3. DC POWER SYSTEM<br>TR: Applicable KC-135 TOs, 8 series component TOs   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A7.3.1. Operational fundamentals   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.3.2. Operational check (use load bank)  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.3.3. Troubleshoot   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.3.4. Inspect  |               | * |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.3.5. Remove components  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A7.3.5.1. Transformer rectifier  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.3.5.2. Other system components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.3.6. Repair components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |

# KC-135 SPECIFIC REQUIREMENTS

STS 2A6X6, August 2000

| 1. Tasks, Knowledge And Technical References                                     | 2. Core Tasks |   | 3. Certification For OJT |              |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |            |
|--|---------------|---|--------------------------|--------------|------------------|------------------|--------------------|--|--------------------|--------------------|------------|
|  | 5             | 7 | A                        | B            | C                | D                | E                  | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |            |
|  |               |   | Tng Start                | Tng Complete | Trainee Initials | Trainer Initials | Certifier Initials | Course   | CDC                | (1)<br>Course      | (2)<br>CDC |
| A7.3.7. Install components   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A7.3.7.1. Transformer rectifier  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.3.7.2. Other system components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.3.8. Component location   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.3.9. Bench check components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.4. EXTERNAL POWER SYSTEM<br>TR: Applicable KC-135 TOs, 8 series component TOs |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A7.4.1. Operational fundamentals   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.4.2. Operational check  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.4.3. Troubleshoot   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.4.4. Inspect  |               | * |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.4.5. Remove components  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.4.6. Repair components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.4.7. Install components   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.4.8. Component location   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.4.9. Bench check components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.4.10 Apply/Disconnect external power  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.5. LIGHTING SYSTEM<br>TR: Applicable KC-135 TOs, 8 series component TOs       |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A7.5.1. Operational fundamentals   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.5.2. Operational check  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A7.5.2.1. External   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.5.2.2. Internal   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.5.3. Troubleshoot   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.5.4. Inspect  |               | * |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.5.5. Remove components  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.5.6. Repair components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.5.7. Install components   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.5.8. Component location   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.5.9. Bench check components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.6. LANDING GEAR SYSTEM<br>TR: Applicable KC-135 TOs, 8 series component TOs   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A7.6.1. Operational fundamentals   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.6.2. Operational check  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.6.3. Troubleshoot   |               | * |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.6.4. Inspect  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.6.5. Lever lock solenoid circuit checkout                                     |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |

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| 1. Tasks, Knowledge And Technical References   | 2. Core Tasks |   | 3. Certification For OJT |              |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |            |
|--|---------------|---|--------------------------|--------------|------------------|------------------|--------------------|--|--------------------|--------------------|------------|
|  | 5             | 7 | A                        | B            | C                | D                | E                  | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |            |
|  |               |   | Tng Start                | Tng Complete | Trainee Initials | Trainer Initials | Certifier Initials | Course   | CDC                | (1)<br>Course      | (2)<br>CDC |
| A7.6.6. Remove components  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.6.7. Repair components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.6.8. Install components   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.6.9. Component location   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.6.10. Bench check components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.7. ANTI-SKID SYSTEM<br>TR: Applicable KC-135 TOs, 8 series component TOs              |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A7.7.1. Operational fundamentals   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.7.2. Operational check  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.7.3. Troubleshoot   |               | * |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.7.4. Inspect  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.7.5. Remove components  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A7.7.5.1. Anti-skid detector   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.7.5.2. Other system components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.7.6. Repair components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.7.7. Install components   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A7.7.7.1. Anti-skid detector   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.7.7.2. Other system components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.7.8. Component location   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.7.9. Bench check components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.8. NOSE GEAR STEERING SYSTEM<br>TR: Applicable KC-135 TOs, 8 series component TOs     |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A7.8.1. Operational fundamentals   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.8.2. Operational check  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.8.3. Troubleshoot   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.8.4. Inspect  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.8.5. Remove components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.8.6. Repair components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.8.7. Install components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.8.8. Bench check components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.9. PRIMARY FLIGHT CONTROL SYSTEM<br>TR: Applicable KC-135 TOs, 8 series component TOs |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A7.9.1. Operational fundamentals   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.9.2. Operational check  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.9.3. Troubleshoot   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.9.4. Inspect  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.9.5. Remove components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |

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| 1. Tasks, Knowledge And Technical References  | 2. Core Tasks |   | 3. Certification For OJT |              |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |         |
|---|---------------|---|--------------------------|--------------|------------------|------------------|--------------------|--|--------------------|--------------------|---------|
|   | 5             | 7 | A                        | B            | C                | D                | E                  | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |         |
|   |               |   | Tng Start                | Tng Complete | Trainee Initials | Trainer Initials | Certifier Initials | Course   | CDC                | (1) Course         | (2) CDC |
| A7.9.6. Repair components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A7.9.7. Install components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A7.9.8. Component location  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A7.9.9. Bench check components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A7.10. SECONDARY FLIGHT CONTROL SYSTEM<br>TR: Applicable KC-135 TOs, 8 series component TOs |               |   |                          |              |                  |                  |                    |  |                    |                    |         |
| A7.10.1. Operational fundamentals   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A7.10.2. Operational check  |               |   |                          |              |                  |                  |                    |  |                    |                    |         |
| A7.10.2.1. Flaps  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A7.10.2.2. Other system components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A7.10.3. Troubleshoot   |               |   |                          |              |                  |                  |                    |  |                    |                    |         |
| A7.10.3.1. Flaps  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A7.10.3.2. Other system components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A7.10.4. Inspect  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A7.10.5. Remove components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A7.10.6. Repair components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A7.10.7. Install components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A7.10.8. Component location   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A7.10.9. Bench check components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A7.11. OVERHEAT/FIRE WARNING SYSTEM<br>TR: Applicable KC-135 TOs, 8 series component TOs    |               |   |                          |              |                  |                  |                    |  |                    |                    |         |
| A7.11.1. Operational fundamentals   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A7.11.2. Operational check  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A7.11.3. Troubleshoot   |               | * |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A7.11.4. Inspect  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A7.11.5. Remove components  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A7.11.6. Repair components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A7.11.7. Install components   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A7.11.8. Component location   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A7.11.9. Bench check components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A7.12. TAKEOFF WARNING SYSTEM<br>TR: Applicable KC-135 TOs, 8 series component TOs          |               |   |                          |              |                  |                  |                    |  |                    |                    |         |
| A7.12.1. Operational fundamentals   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A7.12.2. Operational check  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A7.12.3. Troubleshoot   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A7.12.4. Inspect  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |

# KC-135 SPECIFIC REQUIREMENTS

STS 2A6X6, August 2000

| 1. Tasks, Knowledge And Technical References  | 2. Core Tasks |   | 3. Certification For OJT |              |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |            |
|---|---------------|---|--------------------------|--------------|------------------|------------------|--------------------|--|--------------------|--------------------|------------|
|   | 5             | 7 | A                        | B            | C                | D                | E                  | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |            |
|   |               |   | Tng Start                | Tng Complete | Trainee Initials | Trainer Initials | Certifier Initials | Course   | CDC                | (1)<br>Course      | (2)<br>CDC |
| A7.12.5. Remove components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.12.6. Repair components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.12.7. Install components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.12.8. Bench check components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.13. FUEL WARNING AND CONTROL SYSTEM<br>TR: Applicable KC-135 TOs, 8 series component TOs       |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A7.13.1. Operational fundamentals   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.13.2. Operational check  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.13.3. Troubleshoot   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.13.4. Inspect  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.13.5. Remove components  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A7.13.5.1. Fuel management switch   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.13.5.2. Other system components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.13.6. Repair components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.13.7. Install components   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A7.13.7.1. Fuel management switch   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.13.7.2. Other system components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.13.8. Component location   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.13.9. Bench check components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.14. CARGO DOOR CONTROL AND WARNING SYSTEM<br>TR: Applicable KC-135 TOs, 8 series component TOs |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A7.14.1. Operational fundamentals   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.14.2. Operational check  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.14.3. Troubleshoot   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.14.4. Inspect  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.14.5. Remove components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.14.6. Repair components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.14.7. Install components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.14.8. Component location   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.14.9. Bench check components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.15. START AND IGNITION SYSTEM<br>TR: Applicable KC-135 TOs, 8 series component TOs             |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A7.15.1. Operational fundamentals   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.15.2. Troubleshoot   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A7.15.2.1. Jet engine   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |

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| 1. Tasks, Knowledge And Technical References  | 2. Core Tasks |   | 3. Certification For OJT |              |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |         |
|---|---------------|---|--------------------------|--------------|------------------|------------------|--------------------|--|--------------------|--------------------|---------|
|   | 5             | 7 | A                        | B            | C                | D                | E                  | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |         |
|   |               |   | Tng Start                | Tng Complete | Trainee Initials | Trainer Initials | Certifier Initials | Course   | CDC                | (1) Course         | (2) CDC |
| A7.15.2.2. Auxiliary power unit   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A7.15.3. Inspect  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A7.15.4. Remove components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A7.15.5. Repair components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A7.15.6. Install components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A7.15.7. Component location   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A7.15.8. Bench check components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A7.16. NESA ANTI-ICING SYSTEM<br>TR: Applicable KC-135 TOs, 8 series component TOs        |               |   |                          |              |                  |                  |                    |  |                    |                    |         |
| A7.16.1. Operational fundamentals   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A7.16.2. Operational check (include resistance check)                                     |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A7.16.3. Troubleshoot   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A7.16.4. Inspect  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A7.16.5. Remove components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A7.16.6. Repair components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A7.16.7. Install components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A7.16.8. Component location   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A7.16.9. Bench check components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A7.17. BLEED AIR DISTRIBUTION SYSTEM<br>TR: Applicable KC-135 TOs, 8 series component TOs |               |   |                          |              |                  |                  |                    |  |                    |                    |         |
| A7.17.1. Operational fundamentals   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A7.17.2. Operational check  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A7.17.3. Perform leakage checks   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A7.17.4. Troubleshoot   |               | * |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A7.17.5. Inspect  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A7.17.6. Remove components  |               |   |                          |              |                  |                  |                    |  |                    |                    |         |
| A7.17.6.1. Bleed air duct   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A7.17.6.2. Other system components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A7.17.7. Repair components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A7.17.8. Install components   |               |   |                          |              |                  |                  |                    |  |                    |                    |         |
| A7.17.8.1. Bleed air duct   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A7.17.8.2. Other system components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A7.17.9. Component location   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A7.17.10. Bench check components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |

# KC-135 SPECIFIC REQUIREMENTS

STS 2A6X6, August 2000

| 1. Tasks, Knowledge And Technical References  | 2. Core Tasks |   | 3. Certification For OJT |              |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |         |
|---|---------------|---|--------------------------|--------------|------------------|------------------|--------------------|--|--------------------|--------------------|---------|
|   | 5             | 7 | A                        | B            | C                | D                | E                  | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |         |
|   |               |   | Tng Start                | Tng Complete | Trainee Initials | Trainer Initials | Certifier Initials | Course   | CDC                | (1) Course         | (2) CDC |
| A7.18. AIR CONDITIONING SYSTEM<br>TR: Applicable KC-135 TOs, 8 series component TOs |               |   |                          |              |                  |                  |                    |  |                    |                    |         |
| A7.18.1. Operational fundamentals   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A7.18.2. Operational check  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A7.18.3. Perform leakage checks   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A7.18.4. Troubleshoot   |               | * |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A7.18.5. Inspect  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A7.18.6. Remove components  |               |   |                          |              |                  |                  |                    |  |                    |                    |         |
| A7.18.6.1. Water separator coalescer  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A7.18.6.2. Water separator  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A7.18.6.3. Flow control valve   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A7.18.6.4. Other system components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A7.18.7. Repair components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A7.18.8. Install components   |               |   |                          |              |                  |                  |                    |  |                    |                    |         |
| A7.18.8.1 Water separator coalescer   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A7.18.8.2 Water separator   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A7.18.8.3. Flow control valve   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A7.18.8.4. Other system components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A7.18.9. Component location   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A7.18.10. Bench check components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A7.19. PRESSURIZATION SYSTEM<br>TR: Applicable KC-135 TOs, 8 series component TOs   |               |   |                          |              |                  |                  |                    |  |                    |                    |         |
| A7.19.1. Operational fundamentals   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A7.19.2. Operational check  | */R           |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A7.19.3. Troubleshoot   |               | * |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A7.19.4. Inspect  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A7.19.5. Remove components  |               |   |                          |              |                  |                  |                    |  |                    |                    |         |
| A7.19.5.1. Outflow valve  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A7.19.5.2. Other system components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A7.19.6. Repair components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A7.19.7. Install components   |               |   |                          |              |                  |                  |                    |  |                    |                    |         |
| A7.19.7.1. Outflow valve  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A7.19.7.2. Other system components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A7.19.8. Component location   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |
| A7.19.9. Bench check components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -       |

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STS 2A6X6, August 2000

| 1. Tasks, Knowledge And Technical References   | 2. Core Tasks |   | 3. Certification For OJT |              |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |            |
|--|---------------|---|--------------------------|--------------|------------------|------------------|--------------------|--|--------------------|--------------------|------------|
|  | 5             | 7 | A                        | B            | C                | D                | E                  | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |            |
|  |               |   | Tng Start                | Tng Complete | Trainee Initials | Trainer Initials | Certifier Initials | Course   | CDC                | (1)<br>Course      | (2)<br>CDC |
| A7.20. OXYGEN SYSTEM<br>TR: AFOSH standards; TOs 15X1-1, 42B5-1-2, 42E1-1-1, Applicable KC-135 TOs |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A7.20.1. Liquid oxygen systems   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A7.20.1.1. Operational fundamentals  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.20.1.2. Operational check   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.20.1.3. Troubleshoot  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.20.1.4. Inspect   |               | * |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.20.1.5. Purge system  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.20.1.6. Remove components   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A7.20.1.6.1. Oxygen regulator  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.20.1.6.2. Other system components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.20.1.7. Install components  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A7.20.1.7.1. Oxygen regulator  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.20.1.7.2. Other system components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.20.1.8. Perform leak check  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.20.1.9. Clean components  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.20.1.10. Procedures for cleaning components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.20.1.11. Component location   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.20.1.12. Bench check components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.20.2. Gaseous oxygen systems  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A7.20.2.1. Operational fundamentals  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.20.2.2. Operational check   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.20.2.3. Troubleshoot  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.20.2.4. Inspect   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.20.2.5. Purge system  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.20.2.6. Remove components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.20.2.7. Install components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.20.2.8. Clean components  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.20.2.9. Perform leak check  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.20.2.10. Bench check components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.20.2.11. Component location   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.20. LIFE RAFT INFLATION SYSTEM<br>TR: Applicable KC-135 TOs, 8 series component TOs             |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A7.20.1. Operational fundamentals  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.20.2. Service   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A7.20.3. Inspect   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |



## STS 2A6X6, August 2000

Attachment 7

# C-141 SPECIFIC REQUIREMENTS

STS 2A6X6, August 2000

| 1. Tasks, Knowledge And Technical References  | 2. Core Tasks |   | 3. Certification For OJT |              |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |            |
|---|---------------|---|--------------------------|--------------|------------------|------------------|--------------------|--|--------------------|--------------------|------------|
|   | 5             | 7 | A                        | B            | C                | D                | E                  | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |            |
|   |               |   | Tng Start                | Tng Complete | Trainee Initials | Trainer Initials | Certifier Initials | Course   | CDC                | (1)<br>Course      | (2)<br>CDC |
| ATTACHMENT 8  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| NOTE 1: In addition to attachment 2, the tasks and knowledge in attachment 8 will be performed by personnel assigned to maintain C-141 aircraft.  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| NOTE 2: Users are responsible for annotating training references to identify current references pending STS revision.   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| NOTE 3: Items marked in columns 2a or 2b marked with a (*R) are optional core tasks for ANG and AFRC.   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| NOTE 4: Address comments and recommended changes through Unit Training Managers to the MAJCOM Maintenance Training Manager @ HQ AMC/LGQRT, 402 Scott Drive Unit 2A2, Scott AFB, IL 62225-5308; or call DSN 576-4787. MAJCOM Training and Functional Managers forward inputs to the AETC Training Manager, DSN 736-2772. |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A8.1. METERS AND TESTERS<br>TR: Applicable 33 series TOs  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A8.1.1. Use ECS tester  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.2. AC POWER SYSTEM<br>TR: Applicable C-141 TOs, 8 series component TOs   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A8.2.1. Operational fundamentals  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.2.2. Operational check   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.2.3. Troubleshoot  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.2.4. Inspect   |               | * |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.2.5. Remove components   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A8.2.5.1. Generator control unit  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.2.5.2. Load controller   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.2.5.3. Bus tie contactor   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.2.5.4. Bus off indication relay  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.2.5.5. Other system components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.2.6. Repair components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.2.7. Install components  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A8.2.7.1. Generator control unit  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.2.7.2. Load controller   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.2.7.3. Bus tie contactor   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.2.7.4. Bus off indication relay  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.2.7.5. Other system components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.2.8. Component location  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.2.9. Bench check components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.3. DC POWER SYSTEM<br>TR: Applicable C-141 TOs, 8 series component TOs   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A8.3.1. Operational fundamentals  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.3.2. Operational check   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.3.3. Troubleshoot  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.3.4. Inspect   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |

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| 1. Tasks, Knowledge And Technical References                                    | 2. Core Tasks |   | 3. Certification For OJT |              |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |            |
|---|---------------|---|--------------------------|--------------|------------------|------------------|--------------------|--|--------------------|--------------------|------------|
|   | 5             | 7 | A                        | B            | C                | D                | E                  | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |            |
|   |               |   | Tng Start                | Tng Complete | Trainee Initials | Trainer Initials | Certifier Initials | Course   | CDC                | (1)<br>Course      | (2)<br>CDC |
| A8.3.5. Remove components   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A8.3.5.1. Transformer rectifier   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.3.5.2. Battery relay   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.3.5.3. Other system componetns   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.3.6. Repair components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.3.7. Install components  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A8.3.7.1. Transformer rectifier   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.3.7.2. Battery relay   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.3.7.3. Other system componetns   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.3.8. Component location  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.3.9. Bench check components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.4. EXTERNAL POWER SYSTEM<br>TR: Applicable C-141 TOs, 8 series component TOs |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A8.4.1. Operational fundamentals  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.4.2. Operational check   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.4.3. Apply external power  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.4.4. Troubleshoot  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.4.5. Inspect   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.4.6. Remove components   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A8.4.6.1. Bus protection panel  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.4.6.2. Other system componetns   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.4.7. Repair components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.4.8. Install components  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A8.4.8.1. Bus protection panel  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.4.8.2. Other system componetns   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.4.9. Component location  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.4.10. Bench check components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.5. LIGHTING SYSTEM<br>TR: Applicable C-141 TOs, 8 series component TOs       |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A8.5.1. Operational fundamentals  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.5.2. Operational check   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A8.5.2.1. External  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.5.2.2. Internal  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A8.5.2.2.1. Cargo dome lights   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  |            |
| A8.5.2.2.2. Other internal lighting systems                                     |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.5.3. Troubleshoot  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.5.4. Inspect   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |

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| 1. Tasks, Knowledge And Technical References                                  | 2. Core Tasks |   | 3. Certification For OJT |              |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |            |
|---|---------------|---|--------------------------|--------------|------------------|------------------|--------------------|--|--------------------|--------------------|------------|
|   | 5             | 7 | A                        | B            | C                | D                | E                  | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |            |
|   |               |   | Tng Start                | Tng Complete | Trainee Initials | Trainer Initials | Certifier Initials | Course   | CDC                | (1)<br>Course      | (2)<br>CDC |
| A8.5.5. Remove components   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A8.5.5.1. External strobe light power supply                                  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.5.5.2. Autotransformer   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.5.5.3. Other system components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.5.6. Repair components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.5.7. Install components  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A8.5.7.1. External strobe light power supply                                  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.5.7.2. Autotransformer   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.5.7.3. Other system components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.5.8. Repair components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.5.9. Component location  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.5.10. Bench check components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.6. LANDING GEAR SYSTEM<br>TR: Applicable C-141 TOs, 8 series component TOs |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A8.6.1. Operational fundamentals  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.6.2. Operational check   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.6.3. Troubleshoot  |               | * |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.6.4. Inspect   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.6.5. Remove components   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A8.6.5.1. Up limit switch   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.6.5.2. Other system components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.6.6. Repair components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.6.7. Install components  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A8.6.7.1. Up limit switch   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.6.7.2. Other system components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.6.8. Component location  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.6.9. Bench check components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.7. ANTI-SKID SYSTEM<br>TR: Applicable C-141 TOs, 8 series component TOs    |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A8.7.1. Operational fundamentals  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.7.2. Operational check   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.7.3. Troubleshoot  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.7.4. Inspect   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.7.5. Remove components   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A8.7.5.1. Anti-skid box   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.7.5.2. Anti-skid detector  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.7.5.3. Other system components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |

# C-141 SPECIFIC REQUIREMENTS

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| 1. Tasks, Knowledge And Technical References  | 2. Core Tasks |   | 3. Certification For OJT |              |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |            |
|---|---------------|---|--------------------------|--------------|------------------|------------------|--------------------|--|--------------------|--------------------|------------|
|   | 5             | 7 | A                        | B            | C                | D                | E                  | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |            |
|   |               |   | Tng Start                | Tng Complete | Trainee Initials | Trainer Initials | Certifier Initials | Course   | CDC                | (1)<br>Course      | (2)<br>CDC |
| A8.7.6. Repair components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.7.7. Install components  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A8.7.7.1. Anti-skid box   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.7.7.2. Anti-skid detector  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.7.7.3. Other system components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.7.8. Component location  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.7.9. Bench check components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.8. PRIMARY FLIGHT CONTROL SYSTEM<br>TR: Applicable C-141 TOs, 8 series component TOs   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A8.8.1. Operational fundamentals  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.8.2. Operational check   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A8.8.2.1 Trim systems   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.8.2.2. Aileron tab operable  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.8.3. Troubleshoot  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.8.4. Inspect   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.8.5. Remove components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.8.6. Repair components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.8.7. Install components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.8.8. Component location  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.8.9. Bench check components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.9. SECONDARY FLIGHT CONTROL SYSTEM<br>TR: Applicable C-141 TOs, 8 series component TOs |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A8.9.1. Operational fundamentals  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.9.2. Operational check   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A8.9.2.1. Flaps   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.9.2.2. Pitch trim  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.9.2.3. Test ground spoiler reject take-off (RTO mode)                                  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.9.3. Troubleshoot  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.9.4. Inspect   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.9.5. Remove components   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A8.9.5.1. Flap transmitter  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.9.5.2. Other system components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.9.6. Repair components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.9.7. Install components  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A8.9.7.1. Flap transmitter  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.9.7.2. Other system components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |

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| 1. Tasks, Knowledge And Technical References  | 2. Core Tasks |   | 3. Certification For OJT |              |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |            |
|---|---------------|---|--------------------------|--------------|------------------|------------------|--------------------|--|--------------------|--------------------|------------|
|   | 5             | 7 | A                        | B            | C                | D                | E                  | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |            |
|   |               |   | Tng Start                | Tng Complete | Trainee Initials | Trainer Initials | Certifier Initials | Course   | CDC                | (1)<br>Course      | (2)<br>CDC |
| A8.9.8. Null flap transmitters  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.9.9. Component location  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.9.10. Bench check components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.10. OVERHEAT/FIRE WARNING SYSTEM<br>TR: Applicable C-141 TOs, 8 series component TOs |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A8.10.1. Operational fundamentals   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.10.2. Operational check  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A8.10.2.1. Engine   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.10.2.2. Auxiliary Power Unit   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.10.3. Troubleshoot   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.10.4. Inspect  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.10.5. Remove components  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A8.10.5.1. Engine fire control box  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.10.5.2. Engine fire loop   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.10.5.3. Other system components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.10.6. Repair components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.10.7. Install components   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A8.10.7.1. Engine fire control box  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.10.7.2. Engine fire loop   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.10.7.3. Other system components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.10.8. Component location   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.10.9. Bench check components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.11. FIRE EXTINGUISHING SYSTEM<br>TR: Applicable C-141 TOs, 8 series component TOs    |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A8.11.1. Operational fundamentals   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.11.2. Operational check  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.11.3. Troubleshoot   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.11.4. Inspect  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.11.5. Remove components  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A8.11.5.1. Squib  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.11.5.2. Other system components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.11.6. Repair components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.11.7. Install components   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A8.11.7.1. Squib  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.11.7.2. Other system components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.11.8. Component location   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |

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| 1. Tasks, Knowledge And Technical References   | 2. Core Tasks |   | 3. Certification For OJT |              |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |            |
|--|---------------|---|--------------------------|--------------|------------------|------------------|--------------------|--|--------------------|--------------------|------------|
|  | 5             | 7 | A                        | B            | C                | D                | E                  | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |            |
|  |               |   | Tng Start                | Tng Complete | Trainee Initials | Trainer Initials | Certifier Initials | Course   | CDC                | (1)<br>Course      | (2)<br>CDC |
| A8.11.9. Bench check components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.12. TAKEOFF WARNING SYSTEM<br>TR: Applicable C-141 TOs, 8 series component TOs          |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A8.12.1. Operational fundamentals  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.12.2. Operational check   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.12.3. Troubleshoot  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.12.4. Inspect   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.12.5. Remove components   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A8.12.5.1. Touchdown relay #9  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.12.5.2. Other system components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.12.6. Repair components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.12.7. Install components  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A8.12.7.1. Touchdown relay #9  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.12.7.2. Other system components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.12.8. Component location  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.12.9. Bench check components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.13. MASTER CAUTION/WARNING SYSTEM<br>TR: Applicable C-141 TOs, 8 series component TOs   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A8.13.1. Operational fundamentals  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.13.2. Operational check   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.13.3. Troubleshoot  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.13.4. Inspect   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.13.5. Remove components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.13.6. Repair components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.13.7. Install components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.13.8. Component location  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.13.9. Bench check components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.14. FUEL WARNING AND CONTROL SYSTEM<br>TR: Applicable C-141 TOs, 8 series component TOs |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A8.14.1. Operational fundamentals  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.14.2. Operational check   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.14.3. Troubleshoot  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.14.4. Inspect   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.14.5. Remove components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.14.6. Repair components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |

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| 1. Tasks, Knowledge And Technical References   | 2. Core Tasks |   | 3. Certification For OJT |              |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |            |
|--|---------------|---|--------------------------|--------------|------------------|------------------|--------------------|--|--------------------|--------------------|------------|
|  | 5             | 7 | A                        | B            | C                | D                | E                  | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |            |
|  |               |   | Tng Start                | Tng Complete | Trainee Initials | Trainer Initials | Certifier Initials | Course   | CDC                | (1)<br>Course      | (2)<br>CDC |
| A8.14.7. Install components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.14.8. Component location  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.14.9. Bench check components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.15. CARGO DOOR CONTROL AND WARNING SYSTEM<br>TR: Applicable C-141 TOs, 8 series component TOs |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A8.15.1. Operational fundamentals  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.15.2. Operational check   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.15.3. Troubleshoot  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.15.4. Inspect   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.15.5. Remove components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.15.6. Repair components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.15.7. Install components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.15.8. Component location  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.15.9. Bench check components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.16. START AND IGNITION SYSTEM<br>TR: Applicable C-141 TOs, 8 series component TOs             |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A8.16.1. Operational fundamentals  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.16.2. Operational check   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.16.3. Troubleshoot  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A8.16.3.1. Jet engine  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  |            |
| A8.16.3.2. Auxiliary power unit  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.16.4. Inspect   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.16.5. Remove components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.16.6. Repair components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.16.7. Install components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.16.8. Component location  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.16.9. Bench check components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.17. NESA ANTI-ICING SYSTEM<br>TR: Applicable C-141 TOs, 8 series component TOs                |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A8.17.1. Operational fundamentals  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.17.2. Operational check   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.17.3. Troubleshoot  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.17.4. Inspect   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.17.5. Remove components   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A8.17.5.1. Transformer   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.17.5.2. Other system components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |



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| 1. Tasks, Knowledge And Technical References   | 2. Core Tasks |   | 3. Certification For OJT |              |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |            |
|--|---------------|---|--------------------------|--------------|------------------|------------------|--------------------|--|--------------------|--------------------|------------|
|  | 5             | 7 | A                        | B            | C                | D                | E                  | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |            |
|  |               |   | Tng Start                | Tng Complete | Trainee Initials | Trainer Initials | Certifier Initials | Course   | CDC                | (1)<br>Course      | (2)<br>CDC |
| A8.17.6. Repair components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.17.7. Install components  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A8.17.7.1. Transformer   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.17.7.2. Other system components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.17.8. Component location  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.17.9. Bench check components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.18. BLEED AIR DISTRIBUTION SYSTEM<br>TR: Applicable C-141 TOs, 8 series component TOs |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A8.18.1. Operational fundamentals  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.18.2. Operational check   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.18.3. Bleed down check  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.18.4. Perform leakage check   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.18.5. Troubleshoot  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.18.6. Inspect   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.18.7. Remove components   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A8.18.7.1. Engine bleed air shutoff valve  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.18.7.2. Other system components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.18.8. Repair components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.18.9. Install components  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A8.18.9.1. Engine bleed air shutoff valve  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.18.9.2. Other system components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.18.10. Component location   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.18.11. Bench check components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.19. AIR CONDITIONING SYSTEM<br>TR: Applicable C-141 TOs, 8 series component TOs       |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A8.19.1. Operational fundamentals  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.19.2. Subsystem fundamentals  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A8.19.2.1. Rain removal system   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.19.2.2. Anti-icing system   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.19.2.3. Floor heat system   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.19.2.4. Equipment cooling system  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.19.3. Operational check   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.19.4. Perform leakage checks  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.19.5. Troubleshoot  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.19.6. Inspect   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.19.7. Remove components   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A8.19.7.1. Water separator   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |

## C-141 SPECIFIC REQUIREMENTS

STS 2A6X6, August 2000

| 1. Tasks, Knowledge And Technical References   | 2. Core Tasks |   | 3. Certification For OJT |              |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |            |
|--|---------------|---|--------------------------|--------------|------------------|------------------|--------------------|--|--------------------|--------------------|------------|
|  | 5             | 7 | A                        | B            | C                | D                | E                  | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |            |
|  |               |   | Tng Start                | Tng Complete | Trainee Initials | Trainer Initials | Certifier Initials | Course   | CDC                | (1)<br>Course      | (2)<br>CDC |
| A8.19.7.2. Other system components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.19.8. Repair components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.19.9. Install components  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A8.19.9.1. Water separator coalescer   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.19.9.2. Other system components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.19.10. Component location   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.19.11. Bench check components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.20. PRESSURIZATION SYSTEM<br>TR: Applicable C-141 TOs, 8 series component TOs                         |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A8.20.1. Operational fundamentals  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.20.2. Operational check   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.20.3. Troubleshoot  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.20.4. Inspect   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.20.5. Remove components   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.20.6. Repair components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.20.7. Install components  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.20.8. Component location  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.20.9. Bench check components  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.21. LIQUID OXYGEN SYSTEM<br>TR: AFOSH standards; TOs 15X1-1, 42B5-1-2, 42E1-1-1, Applicable C-141 TOs |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A8.21.1. Operational fundamentals  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.21.2. Operational check   | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.21.3. Troubleshoot  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.21.4. Inspect   |               | * |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.21.5. Purge system  | *             |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.21.6. Remove components   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A8.21.6.1. Oxygen regulator  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.21.6.2. Other system components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.21.7. Repair components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.21.8. Install components  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A8.21.8.1. Oxygen regulator  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.21.8.2. Other system components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.21.9. Perform leak check  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.21.10. Clean components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.21.11. Procedures for cleaning components   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |
| A8.21.12. Component location   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | -          |

STS 2A6X6, August 2000

Attachment 8

# CDC 2AX7X TRAINING REQUIREMENTS

STS 2A6X6, August 2000

| 1. Tasks, Knowledge And Technical References  | 2. Core Tasks |   | 3. Certification For OJT |              |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |            |
|---|---------------|---|--------------------------|--------------|------------------|------------------|--------------------|--|--------------------|--------------------|------------|
|   | 5             | 7 | A                        | B            | C                | D                | E                  | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |            |
|   |               |   | Tng Start                | Tng Complete | Trainee Initials | Trainer Initials | Certifier Initials | Course   | CDC                | (1)<br>Course      | (2)<br>CDC |
| ATTACHMENT 9  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| NOTE 1: The tasks and knowledge contained in Attachment 9 are taught in CDC 2AX7X and are generic to all Aircraft Maintenance career fields. The “X/-” items (e.g. “B/-”) reflect pending additions to CDC 2AX7X. dated Apr 98. This STS will be revised once the new CDC 2AX7X is published.                           |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| NOTE 2: Users are responsible for updating training references pending STS revision.  |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| NOTE 3: Items marked in columns 2a or 2b marked with a (*R) are optional core tasks for ANG and AFRC.   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| NOTE 4: Address comments and recommended changes through Unit Training Managers to the MAJCOM Maintenance Training Manager @ HQ AMC/LGQRT, 402 Scott Drive Unit 2A2, Scott AFB, IL 62225-5308; or call DSN 576-4787. MAJCOM Training and Functional Managers forward inputs to the AETC Training Manager, DSN 736-2772. |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A9.1. MANAGEMENT WITHIN THE MAINTENANCE COMPLEX   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A9.1.1. Functions of the Maintenance Complex  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | B/-        |
| A9.1.1.1. Operations / Logistics Group Commander Responsibilities   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | B          |
| A9.1.1.2. Accountability and Core Values  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | B/-        |
| A9.1.2. Aircraft Maintenance Management Information Systems   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | B          |
| A9.1.2.1. Engines, Pods, Test Stations, PMEL  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | B/-        |
| A9.1.2.2. Aircraft Monitoring   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | B/-        |
| A9.1.2.3. Engines, Pods, Test Stations  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | B/-        |
| A9.1.3. Compliance and Standardization Requirements Listing   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | A          |
| A9.1.4. Maintenance QPM Relationships   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | B          |
| A9.1.4.1. Repeat/Recur, Fix, Break, CANN, and CND Rates   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | B/-        |
| A9.1.5. FOD Program Manager   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | A          |
| A9.1.6. Joint Oil Analysis Program  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | B/-        |
| A9.1.6.1. Oil Consumption   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | A/-        |
| A9.1.7. Mobility  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | A          |
| A9.1.7.1. Hazard Declarations for Mobility Packages   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | A/-        |
| A9.1.7.2. Hazardous Material Handling Procedures  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | B          |
| A9.1.8. Expediter, Production Supervisor, and Flight Chief Duties and Responsibilities  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | B          |
| A9.1.8.1. Calculation of ETIC (cure time, sealants, adhesives)  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | A/-        |
| A9.1.8.2. Special Certification Rosters   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | B/-        |
| A9.1.9. Maintenance Incident Investigation and Prevention   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | B          |
| A9.1.9.1. Aircraft Impoundment  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | A/-        |
| A9.1.9.2. Engines, Aircraft, (AGE)  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | A/-        |
| A9.1.10. Operational Risk Management  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | A          |
| A9.1.10.1. Supervisors Moral / Legal Responsibility in Enforcing Safety Standards   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | B/-        |

# CDC 2AX7X TRAINING REQUIREMENTS

STS 2A6X6, August 2000

| 1. Tasks, Knowledge And Technical References                                       | 2. Core Tasks |   | 3. Certification For OJT |              |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |            |
|--|---------------|---|--------------------------|--------------|------------------|------------------|--------------------|--|--------------------|--------------------|------------|
|  | 5             | 7 | A                        | B            | C                | D                | E                  | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |            |
|  |               |   | Tng Start                | Tng Complete | Trainee Initials | Trainer Initials | Certifier Initials | Course   | CDC                | (1)<br>Course      | (2)<br>CDC |
| A9.1.10.2. Restricted Maintenance Areas  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | A          |
| A9.1.10.3. Fuel Repair, Jacking, Compass Rows,                                     |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | A          |
| A9.1.10.3.1 Hydrazine, Radar, X-ray, Hot Cargo, Weapons, Aircraft Paint Facilities |               |   |                          |              |                  |                  |                    |  |                    |                    | A/-        |
| A9.1.11. Force Protection  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  |            |
| A9.1.11.1. Classification Info, Access to Classified, COMSEC, OPSEC, COMPUSEC      |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | B/-        |
| A9.1.11.2. Proper Handling of Classified Assets                                    |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | A          |
| A9.1.12. Aircraft Inspection Concepts (A-D checks, hourly phases)                  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | B/-        |
| <b>A9.2. ENLISTED SPECIALTY TRAINING</b>   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A9.2.1. Training Management and Training Records                                   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | B          |
| A9.2.2. Automated Training Records   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | B/-        |
| A9.2.3. Career Field Education and Training Plan (CFETP)                           |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | B          |
| A9.2.4. Specialty Training Standard (STS)  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | B          |
| A9.2.5. Occupational Survey Report (OSR)   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | B          |
| A9.2.6. Utilization and Training Workshop (U&TW)                                   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | B          |
| A9.2.7. Training Request (Forecasting for Training)                                |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | A/-        |
| A9.2.8. Training Waiver Process  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | B/-        |
| A9.2.9. FEQs and Student Feedback  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | A/-        |
| <b>A9.3. ACCOUNTABILITY FOR RECORDS, REPORTS, AND FORMS</b>                        |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A9.3.1. Historical Records   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  |            |
| A9.3.1.1. Aircraft, Engines, Pods  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | B/-        |
| A9.3.1.2. AGE Equipment, Automated Historical Records (form 95), AFTO 427/428,     |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | B/-        |
| A9.3.1.3. ECL  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | B/-        |
| A9.3.1.4. Status Reports (731)   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | B/-        |
| A9.3.1.5. Minimum Essential Configuration Management                               |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | B/-        |
| A9.3.1.6. Audit of Records: Egress, Time Change Items                              |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | A/-        |
| A9.3.2. Automated Maintenance Systems  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  |            |
| A9.3.2.1. IMDS, RAMPOD, GO 81  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | A/-        |
| A9.3.2.2. CAMS   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  |            |
| A9.3.2.2.1. Job Data Documentation (JDD)   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | B          |
| A9.3.2.2.2. 349s, WCE, Creating and Clearing                                       |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | B/-        |
| A9.3.2.2.3. Supervisory Screens  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | B/-        |
| A9.3.2.2.4. Training Screens   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | A          |

# CDC 2AX7X TRAINING REQUIREMENTS

STS 2A6X6, August 2000

| 1. Tasks, Knowledge And Technical References     | 2. Core Tasks |   | 3. Certification For OJT |              |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |            |
|--|---------------|---|--------------------------|--------------|------------------|------------------|--------------------|--|--------------------|--------------------|------------|
|  | 5             | 7 | A                        | B            | C                | D                | E                  | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |            |
|  |               |   | Tng Start                | Tng Complete | Trainee Initials | Trainer Initials | Certifier Initials | Course   | CDC                | (1)<br>Course      | (2)<br>CDC |
| A9.3.3. AFTO Forms 781 and 244s                  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | B          |
| A9.3.4. Configuration Management                 |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | B          |
| A9.3.4.1. Aircraft/Equipment Modifications       |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | B/-        |
| A9.3.5. Nuclear Surety                           |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | B/-        |
| A9.3.5.1. Dull Sword Reporting                   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | B/-        |
| A9.4. SUPPLY MANAGEMENT                          |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A9.4.1. Maintenance Supply Concept               |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | B          |
| A9.4.1.1. Supply Documents Management            |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | B          |
| A9.4.1.2. Precious Metal Recovery                |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | A          |
| A9.4.1.3. Bench Stock                            |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | A          |
| A9.4.1.4. Establish / Maintain Supply Levels     |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | A          |
| A9.4.1.5. AFTO 375                               |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | A/-        |
| A9.4.1.6. Quick Reference List                   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | A/-        |
| A9.4.1.7. Standard Base Supply System (SBSS)     |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | B          |
| A9.4.1.8. ILS-S and GCSS                         |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | A/-        |
| A9.4.1.9. FED LOG                                |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | A/-        |
| A9.4.1.10. Priority Systems                      |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | B          |
| A9.4.1.11. Repair Cycle Assets                   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | B          |
| A9.4.2. Report of Survey, Statement of Charges   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | B/-        |
| A9.4.3. Equipment Account Management             |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | B          |
| A9.4.3.1. CA/CRL                                 |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | A          |
| A9.4.3.2. PMEL                                   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | A/-        |
| A9.4.3.3. ADPE                                   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | A/-        |
| A9.4.4.D. SPRAMS                                 |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | A          |
| A9.4.5. AFEMS                                    |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | A/-        |
| A9.4.6. Status of Resources and Training (SORTS) |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | A          |
| A9.4.7. Classified Asset Handling                |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | A          |
| A9.4.8. Land Mobile Radios, Pages, Cell Phones   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | A          |
| A9.4.9. Recycling programs                       |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | A/-        |
| A9.4.10. Shelf Life Program                      |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | A          |
| A9.4.10.1. Shelf Life Extension Data (SLED)      |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | A/-        |
| A9.4.11. Pharmacy                                |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | B/-        |
| A9.4.11.1. Qualified Products Listing            |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | B/-        |
| A9.5. LOGISTICS AND RESOURCE MANAGEMENT          |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A9.5.1. Logistics Management                     |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | B          |
| A9.5.1.1. Agile Logistics                        |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | A/-        |

# CDC 2AX7X TRAINING REQUIREMENTS

STS 2A6X6, August 2000

| 1. Tasks, Knowledge And Technical References                           | 2. Core Tasks |   | 3. Certification For OJT |              |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1) |                    |                    |            |
|--|---------------|---|--------------------------|--------------|------------------|------------------|--------------------|--|--------------------|--------------------|------------|
|  | 5             | 7 | A                        | B            | C                | D                | E                  | A<br>3 Skill Level   | B<br>5 Skill Level | C<br>7 Skill Level |            |
|  |               |   | Tng Start                | Tng Complete | Trainee Initials | Trainer Initials | Certifier Initials | Course   | CDC                | (1)<br>Course      | (2)<br>CDC |
| A9.5.1.2. 2LM  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | A/-        |
| A9.5.1.3. O&P  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | A/-        |
| A9.5.1.4. Express  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | A/-        |
| A9.5.1.5. Readiness Based Logistics (RBL)                              |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | A/-        |
| A9.5.2. Resource Management  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | B          |
| A9.5.2.1. PEC and Budget Codes   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | A/-        |
| A9.5.2.2. Form 9s and IMPAC Cards                                      |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | A/-        |
| A9.5.2.3. Gold Flag  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | A/-        |
| A9.5.2.4. Financial Plan (FIN Plan)                                    |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | A/-        |
| A9.5.2.5. APPN 3400 and 3080 Budgeting                                 |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | A/-        |
| A9.5.2.6. Budget Line 10/30  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | A/-        |
| A9.5.2.7. AFMC Responsibilities  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | A/-        |
| A9.5.2.8. DT&E / OT&E  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | A/-        |
| A9.5.2.9. Acquisition Program Process (OFF, TCTO, New Systems)         |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | A/-        |
| A9.5.2.10. Defense Logistics Agency                                    |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | A/-        |
| A9.5.3. UMD and UMPR   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | A          |
| A9.5.3.1. Manning Standards, LCOM                                      |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | A          |
| A9.5.4. Technical Order Management                                     |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | B          |
| A9.5.4.1. TODO, TODA, TODCA, TORB                                      |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | A          |
| A9.5.4.2. AFTO Forms 22, 27, 110, 158,                                 |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | A          |
| A9.5.4.3. ATOMS  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | A/-        |
| A9.5.4.4. TCTOs  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | A          |
| A9.5.4.5. CTOMS  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | A          |
| A9.5.4.6. PDSCs, JCALS   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | A/-        |
| A9.5.4.7. Electronic TOs   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | A/-        |
| A9.5.5. Deficiency Reporting (Hardware and Software)                   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | B/-        |
| A9.5.5.1. Reporting of Deficiency (ROD)                                |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | B/-        |
| A9.5.5.2. Bad Actor Program  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | A/-        |
| A9.5.6. Depot Level Repairable/ Repairable (Material) Support Division |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | B          |
| A9.5.7. TIPWG, STP, PMR, Avionics Maintainer's Conference              |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | A          |
| A9.5.7.1. Job Fairs  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | A/-        |
| A9.5.7.2. Corrosion Prevention Advisory Board                          |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | A/-        |
| A9.6. COMPUTER APPLICATION   |               |   |                          |              |                  |                  |                    |  |                    |                    |            |
| A9.6.1. Using Applications   |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | B          |
| A9.6.1.1. Form Flow  |               |   |                          |              |                  |                  |                    | -  | -                  | -                  | B/-        |

STS 2A6X6, August 2000

Attachment 9



## ***Section B - Course Objective List***

**4. Measurement.** Each proficiency coded STS task or knowledge item taught at the technical school is measured through the use of an objective. An objective is a written instruction for the student so he or she knows what is expected of them to successfully complete training on each task. Each objective is compressed of a condition, behavior, and standard which states what is expected of the student for each task. The condition is the setting in which the training takes place (i.e. TOs, type of equipment, etc). The behavior is the observable portion of the objective (i.e. perform an operational check). The standard is the level of performance that is measured to ensure the STS proficiency code level is attained. Each objective uses letter codes(s) to identify how it is measured. All objectives use the PC code which indicates a progress check is used to measure subject or task knowledge. W indicates a comprehensive written test and is used to measure the subject or task knowledge at the end of a block of instruction. PC/W indicates a subject or task knowledge progress check and a separate measurement of both knowledge and performance elements using a written test.

**5. Standard.** The standard of written examinations is 74% to 76%, depending on the number of questions on the test. Standards for performance objectives are indicated in the objective and are also indicated on the individual progress check checklist. The checklist is used by the instructor to document each students progress on each task. Instructor assistance is provided as needed during the progress check, and students may be required to repeat all or part of the behavior until satisfactory performance is attained. Students must satisfactorily complete all PCs prior to taking the written test.

**6. Proficiency Level.** Review column 4A of the STS to determine the proficiency level of a particular task or knowledge item. Review the course objective list to determine which STS item the objective supports. Review the proficiency code key in Part II, Section A of this CFETP for an explanation of the proficiency codes. Most task performance is taught to the '2b' proficiency level which means the students can do most parts of the task, but does need assistance on the hardest parts of the task (partially proficient). The student can also determine step by step procedures for doing the task. For tasks that are taught to the '3c' proficiency level, students can do all parts of the task and only require a spot check on completed work (competent). The student can also identify why and when a task must be done and why each step is needed.

**7. Course Objectives.** A detailed listing of initial skills or craftsman course objectives may be obtained by submitting a written request to Mr. Donald G. Wilson, 364 TRS/TTMAS, 511 9th Ave STE 1, Sheppard AFB TX, 76311-2338.

***Section C - Support Material***

**8.** The following list of support materials is not all inclusive; however, it covers the most frequently referenced areas. For further information on the following courses, contact the OPR at:

333 TRS/TTCQS  
601 D Street  
Keesler AFB, MS 39534-2229  
DSN 597-5893

782 TRG  
826 Avenue G Suite 4  
Sheppard AFB, TX 76311-2867  
DSN 736-2568

| COURSE NUMBER               | COURSE TITLE                 | DEVELOPER |
|-----------------------------|------------------------------|-----------|
| *AFQTP 2EXXX-201L           | Workcenter Managers Handbook | 333 TRS   |
| *AFQTP 2EXXX-201LB          | C-E Managers Handbook        | 333 TRS   |
| ECI Specialized Course 1200 | Air Force Technical Orders   | 782 TRG   |
| *AFQTP 2EXXX-201G           | Maintenance Support          | 333 TRS   |
| *AFQTP 2EXXX-201P           | TMDE Management              | 333 TRS   |
| *AFQTP 2EXXX-201J           | Maintenance Training Program | 333 TRS   |

\*Courses can be downloaded from 333 TRS home page at: <http://qflight.kee.aetc.af.mil>

***Section D - Training Course Index***

**9. Purpose.** This section of the CFETP identifies training courses available for the Electrical and Environmental Systems Specialty and shows how the courses are used by each MAJCOM in their career field training programs. For further information on the following courses, contact the OPR at:

364 TRS/TRR  
511 9th Ave STE 1  
Sheppard AFB, TX 76311-2338  
DSN 736-2772

**10. Air Force In-Resident Courses.**

| COURSE NO.     | COURSE TITLE   | LOCATION     | USER                 |
|----------------|--|--------------|----------------------|
| J3ABR2A636 008 | Aircraft Electrical and Environmental Systems Apprentice | Sheppard AFB | AF, FMS, ANGRC, AFRC |
| J3ACR2A676 000 | Aircraft Electrical and Environmental Systems Craftsman  | Sheppard AFB | AF, ANGRC, AFRC      |

| COURSE NO.     | COURSE TITLE                         | LOCATION          | USER            |
|----------------|--------------------------------------|-------------------|-----------------|
| J4AST2A6X6 061 | Liquid Oxygen/Nitrogen Storage Tanks | Various Locations | AF, ANGRC, AFRC |

### 11. Extension Course Institute (ECI) Courses.

364 TRS/TTMAS  
 511 9th Ave STE 1  
 Sheppard AFB, TX 76311-2338  
 DSN 736-2772

| COURSE NO. | COURSE TITLE   | USER |
|------------|--|------|
| CDC 2A656  | Aircraft Electrical and Environmental Systems Journeyman | AF   |
| CDC 2A676  | Aircraft Electrical and Environmental Systems Craftsman  | AF   |
| CDC 2AX7X  | Aerospace Maintenance Craftsman                          | AF   |

### 12. Exportable Courses.

For further information on the following exportable courses, contact the OPRs at:

AETC/TRSS  
 6058 Aspen Ave  
 Hill AFB, UT 84056-5805  
 DSN 777-7830/8741

362 TRS  
 613 10<sup>th</sup> Ave  
 Sheppard AFB, TX 76311-2352  
 DSN 736-5206

The Hill AFB course catalog can be ordered from DSN 777-0160.

| COURSE NO.  | COURSE TITLE   | OPR       | User |
|-------------|--|-----------|------|
| 00TVT0000   | FOD Prevention (VHS tape)                                    | AETC/TRSS | AF   |
| 00TVT0001   | Safety and Radio Frequency (RF) Radiation (VHS tape)         | AETC/TRSS | AF   |
| 00TVT0001V1 | Troubleshooting Techniques (ICW)                             | AETC/TRSS | AF   |
| 00TTV0002   | Aerospace Ground Equipment Training (ICW)                    | AETC/TRSS | AF   |
| 00TCB0002V1 | Multimeter Familiarization (ICW)                             | AETC/TRSS | AF   |
| 00TIV0007   | Potential Hazards of Oxygen Enriched Environments (VHS tape) | AETC/TRSS | AF   |
| 00CIV0008   | Use and Care of Type III Torque Wrenches (ICW)               | AETC/TRSS | AF   |

| COURSE NO.      | COURSE TITLE   | OPR       | User |
|-----------------|--|-----------|------|
| 00CVT0009       | Torque Wrench, Use and Care (VHS tape)                                     | AETC/TRSS | AF   |
| 00TVT0011       | Cold Weather Indoctrination (VHS tape)                                     | AETC/TRSS | AF   |
| 00CVT0012       | Manual Acft Snow Removal (VHS tape)  | AETC/TRSS | AF   |
| 00TVT0017V1     | General Aircraft Corrosion Control (VHS tape)                              | AETC/TRSS | AF   |
| 00TIV1000       | Aircraft Marshaling (ICW)  | AETC/TRSS | AF   |
| 01SIV8971V5.1.1 | -86 Diesel Power Unit Operation (ICW)                                      | AETC/TRSS | AF   |
| 00SIV8972       | MA-3D Air Conditioner Operation (ICW)                                      | AETC/TRSS | AF   |
| 00TVT0015       | Installation of Aircraft Switch Guards                                     | AETC/TRSS | AF   |
| 01CIV0016       | B-1B Emergency Ground Egress   | AETC/TRSS | AF   |
| 01CIV0051       | B-1B Command Aircraft Systems Training (CAST) General Airplane Information | AETC/TRSS | AF   |
| 01CIV0052       | B-1B Hazardous Zones   | AETC/TRSS | AF   |
| 01CIV1001       | B-1B Safe for Maintenance  | AETC/TRSS | AF   |
| 01CIV1615       | B-1B Egress System Safety  | AETC/TRSS | AF   |
| 01JIV0001       | B-1B General Electrical Maintenance, part 1                                | AETC/TRSS | AF   |
| 01JIV0002       | B-1B General Electrical Maintenance, part 2                                | AETC/TRSS | AF   |
| 01JIV0003       | B-1B General Electrical Maintenance, part 3                                | AETC/TRSS | AF   |
| 01JIV0005       | B-1B CITS Parameter Monitor Codes (PMC)                                    | AETC/TRSS | AF   |
| 01JIV0006       | B-1B CITS Maintenance Codes  | AETC/TRSS | AF   |
| 01JIV0038       | B-1B Hardness Critical Procedures (HCP) Check                              | AETC/TRSS | AF   |
| 01JIV1100       | B-1B Panel Types, Location, and Construction                               | AETC/TRSS | AF   |
| 01JIV1101       | B-1B Panel and Secondary Structure Inspection                              | AETC/TRSS | AF   |
| 01JIV1103       | B-1B Forward Equipment Bay (FEB) Panels                                    | AETC/TRSS | AF   |
| 01JIV1134       | B-1B Fasteners/Related Hardware  | AETC/TRSS | AF   |
| 01JIV2301       | B-1B CAST Aircraft Systems and Power Plant                                 | AETC/TRSS | AF   |
| 01JIV4300       | B-1B EMUX  | AETC/TRSS | AF   |
| 01JIV5500       | B-1B CAST CITS/EMUX  | AETC/TRSS | AF   |
| 01JIV5501       | B-1B Ground Readiness Tests (GRT)  | AETC/TRSS | AF   |

| COURSE NO. | COURSE TITLE   | OPR       | User |
|------------|--|-----------|------|
| 01SIV1005  | B-1B Proximity Switch (Cover/Uncover)<br>Simulated Airborne Conditions | AETC/TRSS | AF   |
| 01SIV2400  | B-1B Auxiliary Power Unit Operation                                    | AETC/TRSS | AF   |
| 05IIV2401  | C-5 Fire Warning and Overheat System                                   | AETC/TRSS | AF   |
| 05IIV3201  | C-5 Anti-Skid Detection System   | AETC/TRSS | AF   |
| 05TIV1300  | C-5 Landing Gear T/S and Maintenance                                   | AETC/TRSS | AF   |
| 05TIV1301  | C-5 Landing Gear Rigging   | AETC/TRSS | AF   |
| 10CVT0001  | KC-10 Emergency Ground Egress  | AETC/TRSS | AF   |
| 10TIV4600  | KC-10 Air Refueling System T/S and<br>Maintenance                      | AETC/TRSS | AF   |
| 15AIV1301  | F-15 Landing Gear T/S and Maintenance                                  | AETC/TRSS | AF   |
| 15AIV2400  | F-15 Secondary Power T/S and Maintenance                               | AETC/TRSS | AF   |
| 15AIV2401  | F-15 Secondary Power System Advanced T/S                               | AETC/TRSS | AF   |
| 15MIV23KC  | F-15E Engine Ignition System   | AETC/TRSS | AF   |
| 15TIV23K1  | F-100 Engine Ignition System T/S                                       | AETC/TRSS | AF   |
| 16AIV1301  | F-16 C/D Landing Gear System T/S and<br>Maintenance                    | AETC/TRSS | AF   |
| 16AIV1302  | F-16 C/D Block 50 Landing Gear System T/S<br>and Maintenance           | AETC/TRSS | AF   |
| 16AIV1401  | F-16 C/D Block 40 Advanced Flight Control<br>System T/S                | AETC/TRSS | AF   |
| 16AIV24A1  | F-16 C/D Emergency Power Unit System T/S<br>and Maintenance            | AETC/TRSS | AF   |
| 16AIV24D0  | F-16 C/D Engine Start System T/S                                       | AETC/TRSS | AF   |
| 16GIV1401  | F-16 C/D Block 40 Digital Flight Control<br>System T/S                 | AETC/TRSS | AF   |
| 16GIV2400  | F-16 C/D Electrical System T/S and<br>Maintenance                      | AETC/TRSS | AF   |
| 16GIV2402  | F-16 C/D Block 50 Electrical System T/S and<br>Maintenance             | AETC/TRSS | AF   |
| 16GIV4101  | F-16 C/D ECS T/S and Maintenance                                       | AETC/TRSS | AF   |
| 16TIV1402  | F-16 C/D Block 50 Advanced Flight Control<br>System T/S                | AETC/TRSS | AF   |
| 16TIV1403  | F-16 C/D Block 50 Digital Flight Control<br>System T/S                 | AETC/TRSS | AF   |

| COURSE NO.     | COURSE TITLE   | OPR       | User |
|----------------|--|-----------|------|
| 16TIV24A2      | F-16 C/D Block 50 Emergency Power Unit System T/S and Maintenance                  | AETC/TRSS | AF   |
| 16TIV24D0      | F-16 C/D Block 50 Engine Start System T/S  | AETC/TRSS | AF   |
| 16TIV3202      | F-16 C/D Block 50 Anti-Skid and Brake System T/S                                   | AETC/TRSS | AF   |
| 16TIV4102      | F-16 C/D Block 50 ECS T/S and Maintenance  | AETC/TRSS | AF   |
| 30TIT0001      | C-130 Emergency Escape   | AETC/TRSS | AF   |
| 30TIV0001      | C-130 Safe For Maintenance   | AETC/TRSS | AF   |
| 35CVT0001      | C-135 Emergency Ground Egress Procedures   | AETC/TRSS | AF   |
| 35TIV4100      | KC-135R Bleed Air  | AETC/TRSS | AF   |
| 35TIV4670      | KC-135R Air Refueling System   | AETC/TRSS | AF   |
| 41TIV1410V1    | C-141B Secondary Flight Controls System (Flaps and Spoilers)                       | AETC/TRSS | AF   |
| 41UIV11B1      | C-141 Cargo Doors and Ramp Operation   | AETC/TRSS | AF   |
| 52CVT0003      | B-52H Emergency Ground Egress  | AETC/TRSS | AF   |
| 52TVT1202      | B-52H Seat Safety  | AETC/TRSS | AF   |
| J6AZU2E066 038 | Air Force Technical Order (T.O.) System (Gen)                                      | 362 TRS   | AF   |
| J6AZU2E066 039 | Air Force Technical Order (T.O.) System (Gen) (Adv)                                | 362 TRS   | AF   |
| J6AZU2E066 058 | Air Force Maintenance Data Collection System (CAMS)                                | 362 TRS   | AF   |
| J6AZU2E066 059 | Air Force Maintenance Data Collection System (CAMS)                                | 362 TRS   | AF   |
| J6AZU2E066 061 | Air Force Maintenance Data Collection System (CAMS) Operators Course (Intro)       | 362 TRS   | AF   |
| J6AZU2E066 062 | Air Force Maintenance Data Collection System (CAMS) Mid Level Maintenance Managers | 362 TRS   | AF   |

### 13. Training Detachment (TD) Courses.

For further information on the TD courses, contact the OPRs at:

372 TRS  
912 I Ave Suite 3  
Sheppard AFB, TX 76311-2361  
DSN 736-4801

373 TRS  
912 I Ave Suite 4  
Sheppard AFB, TX 76311-2362  
DSN 736-4679

| COURSE NO.<br>J4AMF/ASF/AST: | COURSE TITLE   | OPR     | USER |
|------------------------------|--|---------|------|
| 2A6X6-001                    | Acft Elect Systems Spec (E-3)  | 373 TRS | AF   |
| 2A6X6-004                    | A-10A Acft Elect Systems   | 372 TRS | AF   |
| 2A6X6-005                    | C-5 Elect Systems Tech (Primary)   | 373 TRS | AF   |
| 2A6X6-006                    | C-5 Elect Systems Technicians (Airframe Systems)                           | 373 TRS | AF   |
| 2A6X6-007                    | F-16 Tactical E & E System Technician (Electrical Only, C/D/Difference)    | 372 TRS | AF   |
| 2A6X6-008                    | F-16 Tactical E & E System Technician (Environmental Only, C/D/Difference) | 372 TRS | AF   |
| 2A6X6-011                    | F-16 Tactical E & E System Technician (C/D Environmental Only)             | 372 TRS | AF   |
| 2A6X6-012                    | F-16 Tactical E & E System Technician (C/D Electrical Only)                | 372 TRS | AF   |
| 2A6X6-014                    | H-60 Elect Systems Technician (O Maint)                                    | 373 TRS | AF   |
| 2A6X6-015                    | B-52 G/H Acft E & E Systems Craftsman                                      | 373 TRS | AF   |
| 2A6X6-017                    | F-15 Tactical Acft E & E Systems Journeyman/Craftsman (Electrics Only)     | 372 TRS | AF   |
| 2A6X6-018                    | F-15 Acft E & E Systems Craftsman (ECS Only)                               | 372 TRS | AF   |
| 2A6X6-019                    | Acft Environmental Systems O Maintenance (E-3)                             | 373 TRS | AF   |
| 2A6X6-020                    | A-10A ECS  | 372 TRS | AF   |
| 2A6X6-021                    | T-37 E & E Technician  | 372 TRS | AF   |
| 2A6X6-022                    | T-38 E & E Systems Technician  | 372 TRS | AF   |
| 2A6X6-024                    | T-1A E & E Systems   | 372 TRS | AF   |
| 2A6X6-026                    | KC-135R E & E Technician   | 373 TRS | AF   |
| 2A6X6-028                    | KC-10A E & E Systems Technician  | 373 TRS | AF   |

| COURSE NO.<br>J4AMF/ASF/AST: | COURSE TITLE   | OPR     | USER |
|------------------------------|--|---------|------|
| 2A6X6-031                    | U-2R Strategic E & E Systems                                       | 373 TRS | AF   |
| 2A6X6-032                    | B-2 Acft Environmental Systems Craftsman                           | 373 TRS | AF   |
| 2A6X6-033                    | RC-135( ) E & E Technician   | 373 TRS | AF   |
| 2A6X6-034                    | EC-135C/J E & E Technician   | 373 TRS | AF   |
| 2A6X6-035                    | EC-130H Special Sys Air Conditioning System                        | 373 TRS | AF   |
| 2A6X6-036                    | H-53 Helicopter Electrical Repair Technician                       | 373 TRS | AF   |
| 2A6X6-037                    | C-141 Acft Electrical System Technician (O Maintenance)            | 373 TRS | AF   |
| 2A6X6-038                    | C-141 Environmental Systems Technician                             | 373 TRS | AF   |
| 2A6X6-039                    | C-5 Environmental Systems Technician (Bleed Air And Oxygen System) | 373 TRS | AF   |
| 2A6X6-040                    | C-130B/E/H Electrical Systems Technician                           | 373 TRS | AF   |
| 2A6X6-041                    | C-130B/E/H Environmental Systems Technician                        | 373 TRS | AF   |
| 2A6X6-044                    | C-17A E&E System Technician  | 373 TRS | AF   |
| 2A6X6-045                    | C-130 (SOF) E & E Systems Technician                               | 373 TRS | AF   |
| 2A6X6-046                    | KC-135 E & E Technician  | 373 TRS | AF   |
| 2A6X6-052                    | C-5 Environmental System Technician (Fire Suppression System)      | 373 TRS | AF   |
| 2A6X6-058                    | B-1B E & E Systems Craftsman                                       | 373 TRS | AF   |
| 2A6X6-059                    | F-15E Tactical Acft E&E System Maintenance (Electrics only)        | 372 TRS | AF   |
| 2A6X6-060                    | F-15E Tactical Acft E&E System Maintenance (ECS only)              | 372 TRS | AF   |
| 2A6X6-062                    | C-17A Flotation Deployment System (FEDS)                           | 373 TRS | AF   |
| 2A6X6-063                    | F-117A Acft E&E System Journeyman                                  | 372 TRS | AF   |
| 2A6X6-064                    | B-2 Acft E&E System Craftsman                                      | 373 TRS | AF   |
| 2A6X6-066                    | E-8C E&E Technician  | 373 TRS | AF   |
| 2A6X6-067                    | C-5 Electrical System (Utility)                                    | 373 TRS | AF   |

**14. Courses Under Development/Revision. N/A**



***Section E - MAJCOM Unique Requirements.*****15. MAJCOM Courses.** Contact the course OPRs at:

HQ ACC LSG / OL-CA  
6058 Aspen  
Hill AFB, UT 84056-5805  
DSN 777-4278

| COURSE NO. | COURSE TITLE                        | OPR           | USER |
|------------|-------------------------------------|---------------|------|
| Y140009    | ACC Production Superintendent       | HQACC/<br>LSG | ACC  |
| Y140015    | ACC Maintenance Instructor          | HQACC/<br>LSG | ACC  |
| Y140020    | ACC Maintenance Training Management | HQACC/<br>LSG | ACC  |